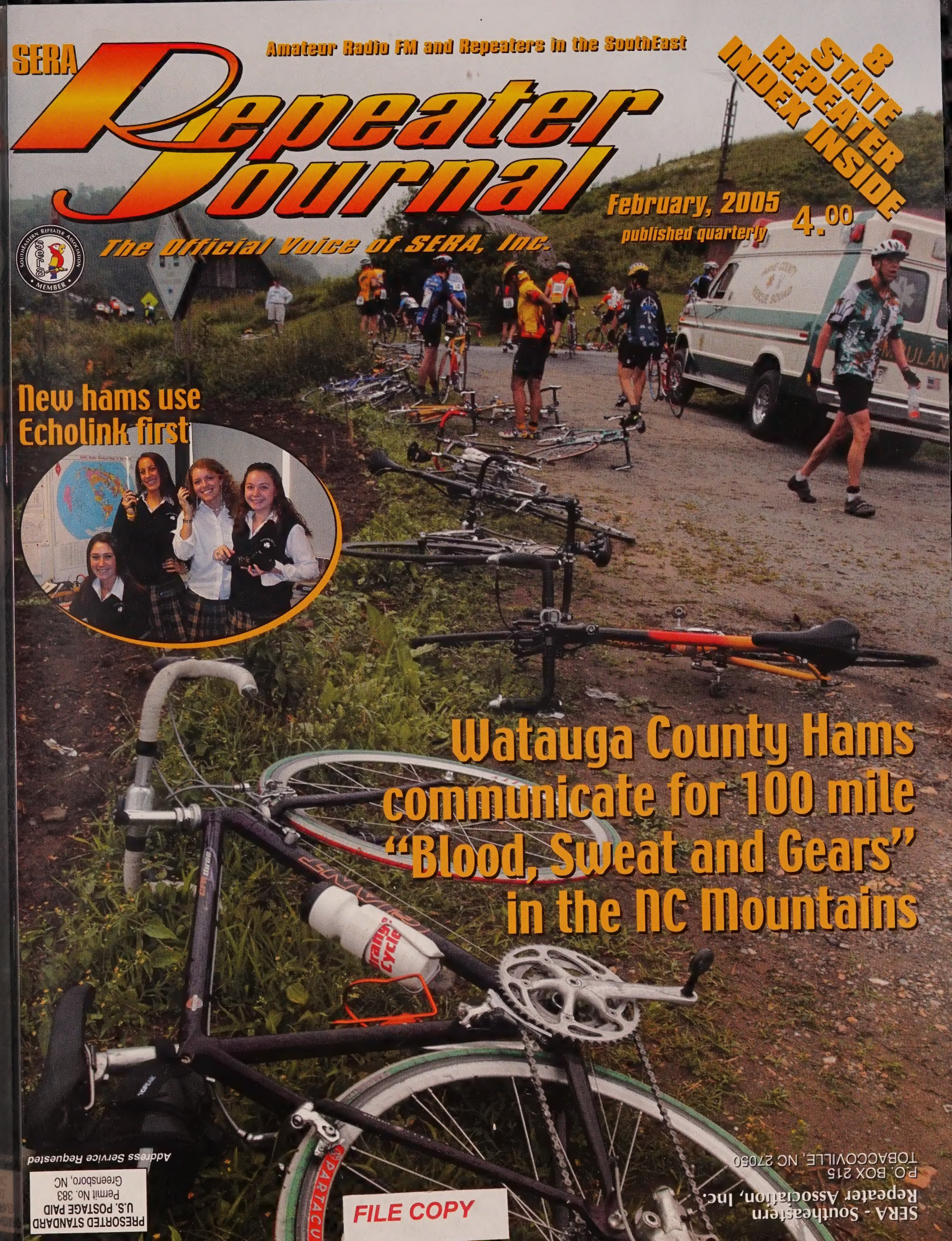
Amateur Radio FM and Repeaters in the SouthEast

SERA Repeater Journal

The Official Voice of SERA, Inc.

February, 2005
published quarterly
4.00

8 STATE REPEATER INDEX INSIDE



New hams use Echolink first

Watauga County Hams communicate for 100 mile "Blood, Sweat and Gears" in the NC Mountains

SERA - Southeastern Repeater Association, Inc.
P.O. BOX 215
TOBACCOVILLE, NC 27050

PRESORTED STANDARD
U.S. POSTAGE PAID
Permit No. 383
Greensboro, NC

Address Service Requested

FILE COPY

Driven to Perform, In STYLE!

COMET™ and Maldol Mobile

NEW

Maldol *NEW* **MH-511** • Tri-band 6M/2M/70cm HT Antenna • Length: 4" • Conn: Male SMA

Maldol **MH-510** • Tri-band 6M/2M/70cm HT Antenna • Gain: 0/0/3.2dBi • Length: 20.75" • Conn: Male SMA

Comet **HT-224** • Tri-band 2M/220/70cm HT Antenna • Gain: 1.3/1.4/1.8dBi • Length: 11.5" • Conn: Male SMA

Maldol **MH-610** • Tri-band 2M/220/70cm HT Antenna • Gain: 0/1.8/3.2dBi • Length: 14" • Conn: Male SMA

Maldol **AX-75** 2M/70cm dual-band shown mounted on the Comet **CP-5M** heavy-duty universal lip mount. Several antenna connector versions are available, all with 16 ft. of 2-step coax and terminating in a PL-259 conntector.
Coax max pwr: HF/130W, VHF/75W, UHF/45W

Comet **CP-5M** SO-239 conn
Comet **CP-5NMO** NMO conn
Comet **CP-5 3/8-24** 3/8 x 24 conn

NEW

Maldol *NEW* **EX-510B/EX-510BNMO** • Tri-band 6M/2M/70cm with fold-over • Gain & Wave: 52MHz 1/4 wave 146MHz 2.15dBi 1/2 wave 446MHz 5.5dBi 5/8 wave x 2 VSWR • Length: 37" • Conn: PL-259 or NMO style • Max Power: 50W FM

Comet **SB-15** • Tri-band 6M/2M/70cm with fold-over • Gain & Wave: 52MHz 0dBi 1/4 wave • 146MHz 4.5 dBi 6/8 wave • 446MHz 7.2dBi 5/8 wave x 3 • Length: 58" • Conn: PL-259 • Max Pwr: 120W

NEW

Comet *NEW* **UHV-4** • Quad-band 10M/6M/2M/70cm with fold-over hinge • Gain & Wave: 10M & 6M 1/4 wave 2M 2.15dBi 1/2 wave 70cm 5.5dBi 5/8 wave x 2 • Length: 55" • Max Power: 10M 120W SSB 6M2M/70cm 100W FM • Conn: PL-259

Comet **UHV-6** • HF/6M/2M/70cm Mobile Antenna *80/*20/*17/40/15/10/6/2M/70cm Mobile antenna with fold-over hinge • Gain & Wave: 2M 2.15dBi 1/2 wave • 70cm 5.5dBi 5/8 wave x 2 • VSWR: HF 1.6:1 or less, 6M-70cm 1.5:1 or less • Length: 44" (min), 78" (max) • Max Pwr: HF 120W SSB, 6M 200W SSB/100W FM, 2M/70cm 100W FM • *L-14 optional 20M coil • *L-18 optional 17M coil • *L-3.5 optional 75/80M coil • Features: • 6M/2M/ 70cm operation is constant. You CHOOSE the HF coils you want to add, up to four stock or optional. One vertical, the rest horizontal. • Easily mounts to standard trunk/door mount in minutes • Economical • Fold-over hinge built in • Select the duplexer or triplexer for your specific radio(s). CF-706A, CF-530, CFX-514N.

Comet **UHV-6** Fold-Over Position

NEW

Maldol *NEW* **HMC-6S** • *40/20/15/10/6/2/70cm Mobile antenna with fold-over hinge • Gain & Wave: HF 1/4 wave 2M 2.15dBi 1/2 wave 70cm 5.3dBi 5/8 wave x 2 • VSWR: HF-6M 1.6:1 or less 2M/70cm 1.5:1 or less • Length: 66" • Max Power: HF 120W SSB 6/2/70cm 150W FM
*HMC-7C optional 40M coil

For a complete catalog, call or visit your local dealer. Or, contact NCG Company.
1275 N. Grove Street • Anaheim • California 92806
(714) 630-4541 • (800) 962-2611 • Fax: (714) 630-7024 • www.natcommgroup.com

NCG™ COMPANY

FROSTFEST 2005

Central Virginia's Largest Indoor Electronic Flea Market

AMATEUR RADIO & COMPUTER SHOW

ARRL VIRGINIA SECTION CONVENTION

NATIONAL & LOCAL VENDORS

Sunday February 20, 2005

The Showplace in Richmond, VA 8:30am-3:30pm

FORUMS * HOURLY SURPRISES * FREE PARKING

www.frostfest.com

RADIO WORKS

The Showplace, 3000 Mechanicsville Turnpike, Richmond, Virginia

(804) 545-0566 (opt. 4) Talk In 146.88 Repeater (PL: 74.4 Hz)

Sponsored by the Richmond Amateur Telecommunications Society

SERA
THE SOUTHEASTERN REPEATER ASSOCIATION

Providing voluntary frequency coordination for Amateur Radio repeaters in Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia and West Virginia

OFFICERS AND STAFF

President **Roger Gregory W4RWG** 102 Partridge Road, Union, SC 29379 • 864-427-1462
Vice-President **Richard (Rick) Wright W4LOC** 93 Morrison Lane, Chickamauga, GA 30707 • 706-539-2334
Secretary **Alex Hedrick N8FWL** PO Box 417, Beckley, WV 25802-0417 • 304-890-6611(h), 304-673-6611(w), 304-252-6611(fax)
Treasurer **Johnny Wofford WA4ETE** 7414 Grandiflora Drive, Olive Branch, MS 38654 • 662-890-4056(h), 662-890-4055(fax) wa4ete@earthlink.net

Technical Committee	Danny Hampton K4ITL, *chairman*
FCC Liaison Committee	Frank Lynch W4FAL, *chairman*
Frequency Coordination Committee	Jim Cantrell WJ4C, plus the District Directors
Systems Administration/Membership Database Manager	W. David Ward W4WDW
Coordinator Software Development	Jeff Benjamin, W4KMB, Jay Campbell N4YMY
Associate Membership Emeritus	Lindsay Cleveland W4IZI
SERA Office Staff	Sharon Ward
Internet Manager	Alex Hedrick N8FWL
Publications Committee	Gary Pearce KN4AQ, *chairman*
In Remembrance	Wayne Williams K4MOB (SK), *editor 1978-2001*

E-mail - Hotline - Fax

To send e-mail to any SERA officer, staff member, Director or their staff, *Repeater Journal* columnist or correspondent, use this address format (unless otherwise noted):

callsign@sera.org

Don't know who to contact? Send mail to:
info@sera.org

or call the ***SERA Hotline:* 888-HAM-SERA**
SERA *Fax Line:* 304-640-6611

DIRECTORS, VICE DIRECTORS, ASSISTANTS, FREQUENCY COORDINATORS (FC)

GEORGIA

Director / FC **M. Terry Jones W4TL** 4816 Windwalker Dr., Flowery Br., GA 30542 • phone 770-967-6364
Vice Director / FC **Pete Seabolt N4KHQ** 465 Esborn Rd., Dahlonega, GA 30533 • phone 706-864-6613 (h), 706-064-3611 ex. 227 (w)
Asst. Director / FC **Phil Heaton, N4BBQ** 37 Jones Street, Dahlonega, GA 30533 • phone 706-867-7339
Asst. Director / FC **Richard (Rick) Wright W4LOC** 93 Morrison Lane, Chickamauga, GA 30707 • phone 706-539-2334

KENTUCKY

Director / FC East **Michael L McCown K4ITF** 238 Hollybush Rd., David, KY 41616 • phone 606-886-6426
Vice Director / FC West **Tim Osborne K4TDO** PO Box 381, Happy, KY 41746-0381 • phone 606-476-9540 (h), 606-436-5757 Ext. 1275 (w)
Asst. Director **David Forbis KD4DVI** 16 Golden Acres Loop, Calvert City, KY 42029 • phone 270-898-7805 (h)

MISSISSIPPI

Director / FC **Steve Grantham AA5SG** PO Box 127, Ellisville, MS 39437 • phone 601-477-2502
Vice Director **Aubrey Bilbo KE5LT** 29270 Anner Rd., Picayune, MS 39466 • phone 601-798-0446
Asst. Director **Harold Bullard K5WHB** 7 County Road #303, Corinth, MS 38834 • phone 662-287-9302 (h), 662-415-6817 (cell)

NORTH CAROLINA

Director **Danny Hampton K4ITL** 5453 Rock Service Station Rd., Raleigh, NC 27603 • phone 919-662-9797 , 919-662-4149 (fax)
Vice Director / FC **Frank A. Lynch W4FAL** 2528 Oakes Plantation Dr., Raleigh, NC 27610 • phone 919-740-3957
Asst. Director **Bob Lukaszewski K4HA** 6009 Brass Lantern Ct., Raleigh, NC 27606 • phone 919-215-2018
Asst. Director **Chuck Wright K4NYS** 5310 Woodsdale Rd., Raleigh, NC 27606 • phone 919-851-7218 (h), 919-215-8333 (cell)

SOUTH CAROLINA

Director / FC West **Roger Gregory W4RWG** 102 Partridge Road, Union, SC 29379 • phone 864-427-1462
Vice Director / FC East **Jim Cantrell WJ4C** 133 Ben Black Rd. Union, SC 29379 • phone 864-427-3823

TENNESSEE

Director **Andy Masters NU5O** 240 West White Road, Collierville, TN 38017 • phone 901-853-8671
Vice Director/FC Middle **Jerome Buie KB4POA** 921 Meriwether Rd., Clarksville, TN 37040 • phone 931-503-3008
Asst. Director **Tim Berry WB4GBI** 214 Echodale Lane - Knoxville, TN 37920-5042 • phone 865-579-3494
Asst. Director/FC East **David Fridley KG4FZR** PO Box 1374, Athens, TN 37371 • phone 423-744-9950 (h), 423-745-2989 fax
Asst. Director/FC West **Alan McClain, KA4BNI** PO Box 672, Dresden, TN 38225-0672 • phone 731-364-6035 (h), 731-423-5610 fax

VIRGINIA

Director / FC East **Jim Campbell K4YM** PO Box 697, Montross, VA 22520 • phone 804-493-8278
Vice Director / FC Central **Jay Campbell N4YMY** 12085 Cheroy Woods Ct., Ashland, VA 23005 • phone 804-752-6688 (h), 804-662-2747 (w)
Asst. Director / FC West **Don Williams W4VT** 412 Ridgeway Dr., Bluefield, VA 24605 • phone 276-326-3338, 276-322-2282 (fax)
Asst. Director East **Charlie P.L. Stokes WB4PVT** 494 Pamela Drive, Newport News, VA 23601 • phone 757-595-2355

WEST VIRGINIA

Director / FC **Alex Hedrick N8FWL** PO Box 417, Beckley, WV 25802-0417 • phone 304-890-6611(h), 304-673-6611(w), 304-252-6611(fax)
Vice Director **R.T. (Dick) Fowler N8FMD** Route 5, Box 737P, Clarksburg, WV 26301 • phone 304-623-9479, 304-623-9979 (fax)
Asst. Director **Chris Hatcher KC8AFH** PO Box 992, Beaver, WV 25813

SERA Repeater Journal
The Official Voice of SERA, Inc.

The Official Magazine of the SouthEastern Repeater Assn., Inc.
Published quarterly in February, May, August and November,
exclusively for southeastern repeater owners and users.

February, 2005
Volume 34, No. 1 - Our 34th Year

REPEATER JOURNAL STAFF

Editor/Production/Advertising
Gary Pearce KN4AQ
116 Waterfall Ct.,
Cary, NC 27513
(919)380-9944 kn4aq@sera.org

Associate Editor
Chris Plumblee KG4CZU kg4czu@sera.org

Hamfest Calendar Editor
Paula Shutt hamfest@sera.org

Columns
Nostalgic Wavelengths David Bower K4PZT
Get the Hammer Randy McKenzie KK4EJ
Look at it, This Way Marvin Whatley AA4YW
Internet Linking Danny Musten KD4RAA
Cartoonist Don Phibbs Jr. AD4QQ

State News Correspondents
Georgia Pete Seabolt N4KHQ
Kentucky Pat Spencer KD4PWL
Mississippi Charles Diamond KG4CKW
North Carolina Michael J. Lewis WA4KE
South Carolina Roger Gregory W4RWG
Tennessee Bob Gault KD4NEC

REPRINT POLICY

The SERA *Repeater Journal* is copyright 2005 by The SouthEastern Repeater Association, Inc.

Original material may be reproduced or printed by any organization without prior consent, with proper credit.

The SERA REPEATER INDEX may ***NOT*** be published or reproduced for distribution in any form, by any indiviudual, publication, electronic source, or any other means without the express written consent of SERA, Inc. All other rights reserved.

CONTENTS

News and Features

SERA Board Meeting Report 6
Boone NC hams cover bike rides, Marathon 11
Knoxville Journal covered ham radio in 1954 15
PA High School graduated 65 new hams - Echolink helps 19
Communications Headquarters closes 49
Hams help with NC Governor inauguration 50
Raising an Aluminum Cloud 56
HT's rude, annoying 59
The Half-Duplex Retransmitter 59

Columns

SERA State News

Georgia Correspondent needed! 44
Kentucky Pat Spencer KD4PWL 46
Mississippi Charles Diamond KG4CKW 44
North Carolina Michael J. Lewis WA4KE 47
South Carolina Roger Gregory W4RWG 51
Tennessee Bob Gault, KD4NEC 54
Virginia Fred Weaver KG4BKI 55
West Virginia Richard Clemens KB8AOB 57
Internet Linking Danny Musten KD4RAA 19
Nostalgic Wavelengths David Bower K4PZT 12
Get the Hammer Randy McKenzie KK4EJ 43
Look at it, This Way Marvin Whatley AA4YW .... *will return*
Repeater Index 24
Hamfest Calendar 63
Advertiser Index 61
SQUELCHTALE (Editorial) 60

SERA MEMBERSHIP

Full Repeater Membership
(A Membership for Repeater Owners & Sponsors)

Any repeater owner or club may join SERA as a Full Member if they have a properly coordinated and operating repeater on the air. A Full Membership application, coordination information (if not on file), and the correct membership fee should be submitted.

Two individuals representing the full member repeater, named and listed on the application by the owner, receive the *Repeater Journal* each quarter.

The two Full Member Representatives have voting privileges in SERA elections and may be eligible to hold elective offices within the organization. The full member repeater is also recognized as a SERA supporter in the repeater index with a ☺ symbol. A Full Member application is available in this issue of the Repeater Journal, and on the SERA web site: **www.sera.org**.

Full Member dues are $20/year, pro-rated by quarter. All full memberships expire on December 31st of each year.

Associate Membership
(A Membership for Repeater Users)

Amateurs Radio operators, especially repeater users, are invited to join SERA as Associate Members. Only $10 per year will enable you to support the organization and receive the *Repeater Journal*. Associate Members may hold appointive offices within SERA, but do not have voting privileges.

Associate Membership begins in the quarter you join, and dues are not pro-rated. Renewals are due in the same quarter in subsequent years.

REPEATER JOURNAL MAILING

The *Repeater Journal* is mailed Bulk Rate during the first week of the cover date. Delivery takes one to two weeks. Notify the **editor** if you have not received your copy by the 1st of the following month. **The Journal is *not* forwarded to new addresses. If you move, send your new address to the editor!**

Charlotte Hamfest

March 12 & 13, 2005

Saturday 8:30 AM to 5:00 PM
Sunday 8:30 AM to 2:00 PM

Charlotte
Hamfest and
Computer Fair

- Over **100** commercial exhibitor booths
- All **MAJOR manufacturers** represented
- Over **400** swap tables (pre-registration only)
- **120,000 sq. ft.** of indoor exhibit space
- Parking for **3,500** cars
- **VEC TESTING SATURDAY**
- **Fabulous Forums**
- **Terrific Prizes**

Detach and mail ***with your check and self addressed stamped envelope*** to: Charlotte Hamfest, 8914 Clifton Meadow Drive, Matthews, NC 28105. Orders received after Feb. 26, 2005 will be held at the door. No refunds after Feb. 26, 2005

Name ______________________ Call Sign ______________________
Business Name ____
Address ____
City ____________________ State ____________ Zip ____________
Phone ( ) _____ - ________ Email Address ____________________

....	Pre-registration tickets	@	$ 6.00 =	$ __________
	Pre-registration prize: Laptop Computer!			
....	Extra Prize Tickets	@	$ 1.00 =	$ __________
....	8 ft. Swapfest Tables	@	$22.00 =	$ __________
....	Chairs	@	$ 1.00 =	$ __________
....	Electricity	@	$80.00 =	$ __________
....	Pre-Paid Parking (good both days)	@	$ 3.00 =	$ __________
	PARKING ORDER MUST INCLUDE SASE			
			TOTAL=	$ __________

NC Dept of Revenue requires us to show a NC Sales Tax number OR a signed exemption form. If you are requesting a flea market table, you must check one box or the other and sign **before** we can sell you the table.

☐ This is to certify that I qualify for an exemption from licensing requirements as stated under NC General Statutes 105-53 because I sell crafts or goods made by me or my household.

☐ I have a NC Sales Tax number. It is: ______________________

Name (PRINT) ______________ Name (SIGN) ______________ Date ________

Advanced Registration Form Must Be Postmarked by February 26, 2005

Complete Details @ www.w4bfb.org

and Computer Fair

DXCC, WAS and VUCC QSL cards checked by ARRL Membership Services Mgr. Wayne Mills (N7NG) and Gary Dixon (K4MQG).

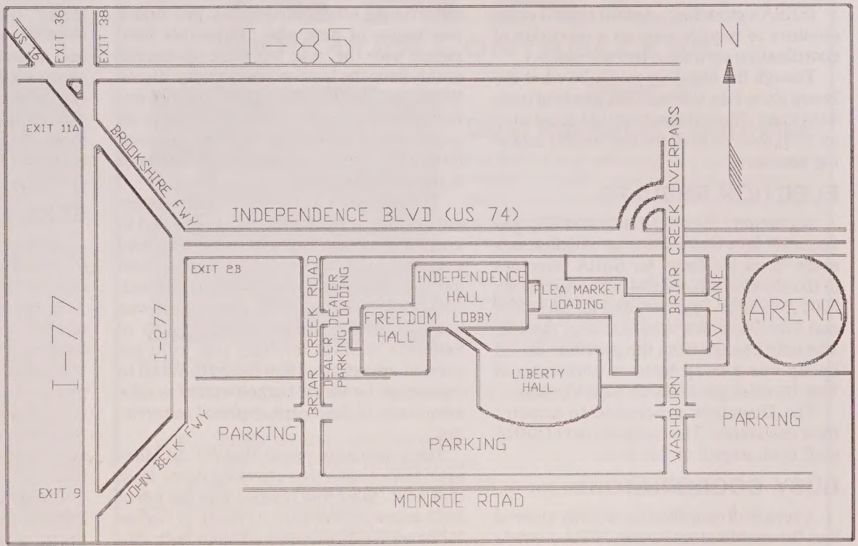
Presentation of 2005 PETER I (3Y0X) DXpedition by Team Leader
Robert Allphin, K4UEE.

March 12 & 13, 2005
Charlotte Merchandise Mart
Freedom and Independence Halls
2500 E. Independence Blvd. (US 74)
Charlotte, North Carolina

FLEA MARKET

NOTE: Vehicles taller than 8' cannot enter Independence Hall for loading or unloading due to a low ceiling.

W4BFB


I-85
US 16
EXIT 36
EXIT 38
N
EXIT 11A
BROOKSHIRE FWY
INDEPENDENCE BLVD (US 74)
BRIAR CREEK OVERPASS
EXIT 2B
BRIAR CREEK ROAD
DEALER PARKING
DEALER LOADING
INDEPENDENCE HALL
LOBBY
FLEA MARKET LOADING
FREEDOM HALL
I-77
I-277
LIBERTY HALL
WASHBURN
TV LANE
ARENA
PARKING
PARKING
PARKING
JOHN BELK FWY
EXIT 9
MONROE ROAD

MAJOR PRIZES Given out every hour
Fabulous forums ♦ *Details at:* www.w4bfb.org

PROUDLY SPONSORED BY THE MECKLENBURG AMATEUR RADIO SOCIETY

FOR DEALER INFO: CONTACT:
Tom Hunt, KA3VVJ
704-948-7373
dealers@w4bfb.org

TALK-IN
W4BFB/R
145.29 (-600)
SEE OUR WEBSITE
www.w4bfb.org

FOR PRE-REGISTRATION AND SWAPFEST TABLES, CONTACT:
CHARLOTTE HAMFEST
8914 Clifton Meadow Drive
Matthews, NC 28105
704-948-7373
www.fleamarket@w4bfb.org

TICKETS AND TABLES GOOD FOR BOTH DAYS. KIDS 12 and under FREE

The Merchandise Mart Charges $6 a day for parking. **The Charlotte Hamfest does NOT receive any income from parking fees.** We have arranged for discounted **pre-paid parking for $3.00**, good for both days. We also suggest you carpool to save money. The Merchandise Mart does not permit tailgating in the parking lots. No firearms permitted for sale or display. Concealed weapons are not permitted. Pets are not permitted.

NO SMOKING ON THE MAIN EXHIBIT FLOOR

SERA Winter Board Meeting Report

SERA sticks with "No Mandatory Tone"

It was a quiet weekend in Sieviereville, Tennessee, where the SERA Board of Directors held their winter meeting on Saturday, January 8th. The "big tone issue" wasn't even on the agenda, and the Directors present seemed willing to stick with the October e-mail vote that rescinded the Board's summer decision to require encode and decode CTCSS or DCS as a condition of coordination for all repeaters in SERA territory.

(SERA's guidelines do still permit coordinators to require tone as a condition of coordination on a case-by-case basis.)

Though the big story might be what the Board *didn't* do, they still did plenty of business in an efficient meeting that concluded by 5 PM and left little for the Sunday morning session.

ELECTION RESULTS

Secretary Alex Hedrick N8FWL announced that there were no nominations made "from the floor" for SERA Directors in the election announced in the November 2004 *Repeater Journal,* and all Directors and Vice Directors were declared elected. The only change from the previous Board lineup was a swap between Director and Vice Director positions in West Virginia.

The Directors proceeded to appoint their assistants. The complete list of SERA staff is on page 2 of this issue.

BUSY COORDINATORS

A review of coordination activity showed that the coordinators in most SERA districts were busy in 2004. As usual, with the two-meter band nearly full in most areas, most of the coordination activity on that band was re-coordinations for repeaters that changed location. Coordinators reported lots of new repeaters on UHF, quite a few on six-meters and the 220 band, and a couple of new machines on the 900 band.

BUSINESS

Treasurer Johnny Wofford WA4ETE reported that SERA ran a deficit for the first time in a long time in 2004. A more expensive *Repeater Journal,* coupled with declining advertising revenue, was part of the reason. Another factor was delayed Full Member renewals. The 2004 Data Sheets, which prompt most full member renewals, went out about a month late, and many renewals had come in just before the January Board meeting, too late for Johnny's report.

RJ editor Gary Pearce KN4AQ was appointed to chair a committee including WA4ETE and Don Williams W4VT to review ways to increase SERA revenue. The issue was considered important but not urgent, especially after WA4ETE announced that changes in arrangements for this meeting saved a couple thousand dollars over the 2004 meetings.

REPEATER JOURNAL REPORT

KN4AQ detailed the slow dwindling of ad revenue in the *Repeater Journal.* This February 2005 issue lost about 4 pages of advertising, offset partially by just under two pages of new ads. Expenses held steady over the year, but were up considerably from the last few years under Wayne Williams K4MOB (SK). Gary pointed out that Wayne's issues typically ran 52 to 56 pages, while current issues run between 60 and 68 pages. The reason: a full slate of state correspondents.

The Directors discussed ways to economize on the *Journal*, but again decided to keep the *Journal* full of good articles and columns (and the Repeater Index), and look for ways to increase revenue instead. KN4AQ said that hamfest advertising was the *RJ's* staple, but there were plenty of hamfests in SERA territory that were not current advertisers, and asked the staff to encourage hamfests in their states to take advantage of *Repeater Journal* advertising.

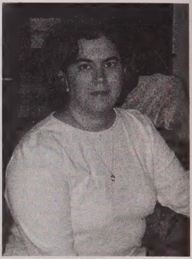
Gary also announced that *RJ* Ad Manager Mike Lewis was stepping down from that post. Mike had jumped into the job in 2002 following the untimly death of Wayne Williams K4MOB, who had been both editor and ad manager for the *Journal.* In declining health, Wayne had turned editorship over to Gary, but had planned to stay on as ad manager.

Mike will continue as North Carolina news columnist, and Gary will pick up ad manager duties for the time being.

HAMFEST CALENDAR EDITOR NAMED

Finally, Gary announced a new *RJ* staff member. Paula Shutt, from Granite Falls NC (just outside Hickory) was one of several people who responded to a short request for a volunteer Hamfest Editor in the November issue. Paula is married to SERA member Mike Shutt KG4GAF, and attends many hamfests with Mike, who she describes as "up to his eyeballs in it." She has some newspaper experience and edits a local newsletter, and was very enthusiastic about contributing to the *Repeater Journal.*

Gary noted that the Hamfest Calendar page rates a close #2 behind the Repeater Index in SERA member comments about usefulness of the *Journal,* but keeping up with hamfest dates is fairly time consuming. Having a dedicated Calendar editor should make the page even more timely and accurate. He also noted that it can be difficult to get up-to-date information on many hamfests. Some of them seem intent on keeping their date, and even their existance, a secret!



Newly appointed RJ Hamfest Calendar Editor Paula Shutt

SERA MEMBERSHIP

Speaking of secrets, the Board decided to reveal one that had been kept inadvertently for years: SERA's total membership.

In the mid 90's, editor Wayne Williams wrote that he had never printed SERA's total membership figure. Not that it was "classified," just that he was not all that proud of it. He figured that for all the hams using FM and repeaters in SERA territory, the group should have double or triple the actual number of full and associate members.

Current editor Gary Pearce asked the Board if they felt awkward about revealing the total membership today. They did not. They felt proud of the total, while sharing Wayne's opinion that it really should be higher. So here it is:

SERA will mail 3,519 copies of the February 2005 Repeater Journal. Of those, 1,578 will go to Full Member representatives (Full Members can each have two reps, so the actual number of Full Member repeaters is about half that). 1,901 will go to Associate Members, and about 40 will go to advertisers and other non-members.

Our total print run is 4600 copies. The 1,100 extra copies are used mostly for promotion. If you joined at a club meeting or hamfest, you were probably handed at least one free current or recent issue in addition to those that would be mailed.

A bit more breakdown — here are the memberships by state:

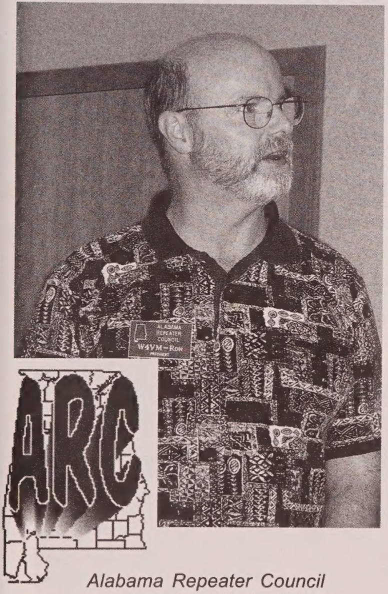
GA	443	KY	210
MS	122	NC	1120
SC	357	TN	464
VA	468	WV	196

These numbers have always been available to advertisers. The Board felt that potential advertisers might be attracted to the *RJ* if they knew how many hams we reached.

Newer SERA members might wonder about the skew between the large numbers for some states and smaller numbers for others. To some extent, it reflects history – SERA began in the Carolinas, then spread to Virginia, West Virginia, Georgia and Tennessee. Kentucky and Mississippi are SERA's newest states, and associate membership hasn't caught on as well there yet.

ALABAMA - NOT READY YET

Alabama Repeater Council President Ron Shaffer W4VM was a guest at the Board Meeting. At Ron's previous visit last January (when he was the ARC Frequency Coordinator – he's since received a promotion), he talked to the Board about the possibility of Alabama joining SERA. Alabama is surrounded by the SERA states of Mississippi, Tennessee and Georgia, and it would seem a natural 9th SERA state.



Alabama Repeater Council President Ron Shaffer W4VM

But back in the early 80's, when many western states opted to change the two-meter band plan from 15 to 20 kHz channel steps, the ARC decided to join that movement, feeling it was the way the tide was turning. Later, they looked over their shoulder and found they were alone in the southeast. The closest state to make the change was Texas, and the only other state east of the Mississippi River to change plans was Michigan.

This is something of a roadblock to Alabama joining SERA. As it stands, SERA's policies require member Districts to follow the common band plan, which calls for 15 kHz channel steps between 146-148 MHz. For Alabama to be a SERA member, either the ARC or SERA policy would have to change.

(Cross-border coordination hasn't been a huge problem. Alabama has coordinated some repeaters on the 15 kHz plan near the borders if that's what would fit. Coordinators from ARC and SERA treat the repeaters 5 kHz apart as if they were co-channel, and generally set a 75 mile separation between repeaters that are 10 kHz apart in frequency. ARC encourages, but does not require, tone.)

Ron took his discussion back to Alabama repeater owners, but didn't find a lot of interest in the proposal. Some were opposed, some were interested, but most hadn't thought about it much. They're concerned about having to change band plans, and about losing autonomy. They don't see a big advantage to it. Some have been impressed by the *Repeater Journal*, though.

As ARC President, Ron is favorably disposed to the plan, but isn't pushing it hard. So far, there have been no formal discussions about how to address the band plan issues. The SERA Board isn't pushing hard for it, either, but the general feeling is that Alabama would be welcome. ■

NHRC
REPEATER CONTROLLERS

NHRC-6
Dual Repeater Controller

The NHRC-6 is an advanced, low cost dual repeater controller. It has a highly integrated design, using state-of-the-art components, which results in a powerful controller with a low parts count. This increases reliability and lowers cost.

This controller can be used for two duplex repeaters, a duplex repeater with a link radio, or to build a bi-directional cross band repeater with simplex radios.

NHRC-6 Features

- Two radio ports that can support the following configurations:
  - Two duplex repeaters
  - Duplex repeater with link radio
  - Two back-to-back simplex radios
- Carrier, Carrier and CTCSS, Carrier or CTCSS and DTMF access modes
- "Intelligent" ID algorithm
- 55 Control operator settings
- Six user commands
- Five saved setups
- Distinctive courtesy tones indicates active receiver ports
- Dedicated fan control output/digital output
- Touch-Tone remote control and programming
- Hang timer, ID timer, timeout timers, fan timer, and CW messages stored in non-volatile memory
- Individual audio gating on each port allows use of non-squelched receiver audio
- Jumper-selectable receiver de-emphasis
- LED CAS, CTCSS, PTT, and DTMF indicators for each port
- Connectors for each port to attach optional NHRC-DAD Digital Audio Delays, to fully mute DTMF and help eliminate squelch crashes

NHRC-6 Dual Repeater Contoller **$219**
plus shipping & handling

NHRC Repeater Controllers • 415 Fourth Range Rd. • Pembroke, NH 03275
phone: 603-485-2248 • fax: 603-210-2248
email: information@nhrc.net • http://www.nhrc.net

Call, write or visit our web site for a Free Catalog

"The Raleigh Hamfest"

RARSFest 2005

Hamfest,
Huge Electronic Flea Market &
ARRL NC Section Convention
sponsored by the
Raleigh Amateur Radio Society

Sunday, April 17th

8 AM to 3:30 PM
Jim Graham Building
State Fairgrounds
Raleigh, NC

TALK IN
146.64

Tickets: $7

($6 advance)
order tickets and tables online at:
www.rars.org/hamfest

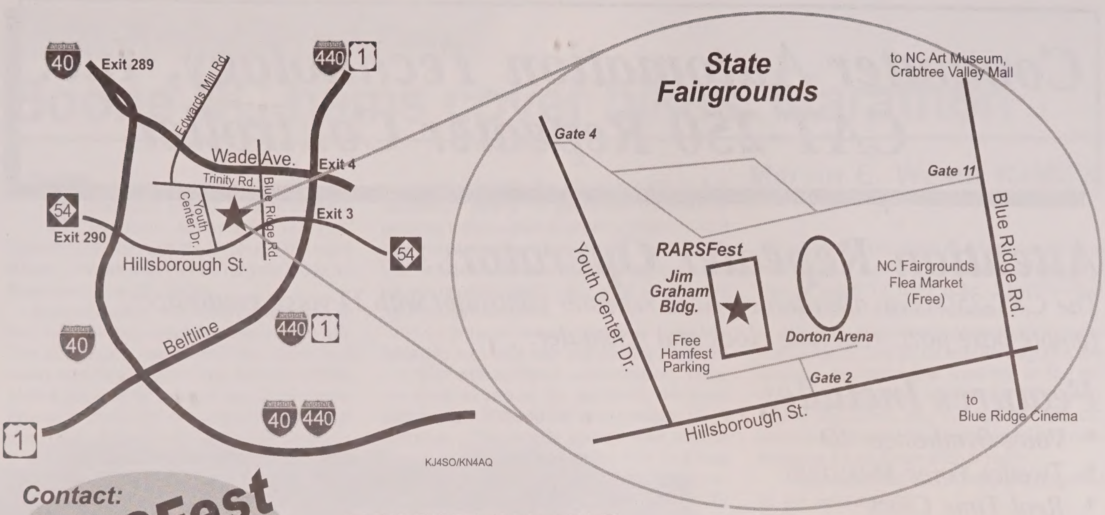
◆ 100,000 square feet of air-conditioned indoor space!
Sorry, no outdoor/tailgating permitted

◆ Drive-in load/unload
Saturday 12 noon to 10 PM, Sunday 6 to 7:30 AM

KENWOOD
YAESU
ARRL

- Hamfest Prizes:
  5 VHF mobiles - one per hour, 10-2
  Grand Prize: ICOM 706 MKIIG
  Cash Preregistration Prize
- New Equipment Dealers
- VE License Testing: 10 AM
- Forums and Meetings
- SKYWARN: Protecting Life and Property
- QSL Card Checking
  see www.rars.org/hamfest for details
- Robotics Competition
- Family Activities:
  movie theater, shopping,
  NC Museum of Art, all nearby
- *Free* Parking
- *Free* NC Fairgrounds Flea Market
- Saturday Night Supper for Vendors

Fairgrounds regulations prohibit weapons, pornographic material and pets in the Jim Graham building. No food or drink may be sold or donated by attendees in the hamfest building at any time. NO SMOKING on Sunday during Hamfest hours.

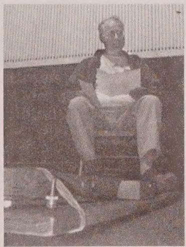

40
Exit 289
Edwards Mill Rd.
440
1
Wade Ave.
Exit 4
Trinity Rd.
Youth Center Dr.
Blue Ridge Rd.
Exit 3
54
Exit 290
Hillsborough St.
54
Beltline
440
1
40
40
440
1
KJ4SO/KN4AQ
State Fairgrounds
to NC Art Museum, Crabtree Valley Mall
Gate 4
Gate 11
Blue Ridge Rd.
Youth Center Dr.
RARSFest
Jim Graham Bldg.
NC Fairgrounds Flea Market (Free)
Dorton Arena
Free Hamfest Parking
Gate 2
Hillsborough St.
to Blue Ridge Cinema

Contact:

RARSFest 2005

General Info, Tickets, Flea Market Tables:
Jeff Wittich AC4ZO
(919) 362-4787
ac4zo@arrl.net
open for setup:
Saturday Noon-10 PM,
Sunday 6-7:30 AM

VE License Testing:
Joe White, WA4GIR or
Liz White, KO4CK
phone: (919) 387-9152
wa4gir@arrl.net or
ko4ck@arrl.net
(Exam information only, please).
Walk-in's OK. Picture ID required to register. Original and a photocopy of present license and/or any certificates for completed elements.
Cost for exam is $14.



Contests:
- *Cash Prizes*
- *see www.rars.org/hamfest for details*
- *bring your homebrew projects*

Dealer Booths:
Chuck Littlewood K4HF
(919) 872-6555
k4hf@arrl.net

Camping/RV Parking:
Overnight camping and full RV hookup available. Contact NC State Fairgrounds Authorities upon arrival. $15/night hookup fee paid to fairgrounds.

Pre-registration Form

(Payment *with self-addressed, stamped envelope* must be received by **April 9th**, 2005)

Order Tickets and Tables ONLINE at www.rars.org/hamfest
(secure credit-card payment)

Name:________________ Call:__________

Address:________________

City:__________ State:____ Zip:________

Phone:____________

____ Preregistration tickets @ $6 ea. $______
age 16 and under free

____ Tables w/two chairs @ $17 ea. $______
Tables sold after April 9th are $18 ea. No discount for multiple tables.

____ 120-Volt AC power @ $15/connection $______

Total enclosed $______

Make checks payable to "RARSfest"
Include Self Addressed, Stamped Envelope!

NO PETS PERMITTED IN JIM GRAHAM BUILDING

Mail to: **Jeff Wittich AC4ZO, 211 Dundalk Way, Cary, NC 27511**

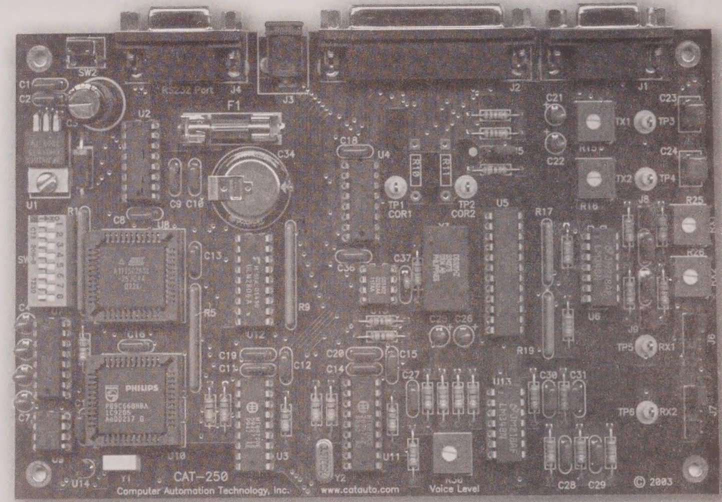
Computer Automation Technology, Inc.
CAT-250 Repeater Controller

Attention Repeater Operators!

The CAT-250 is an affordable priced repeater controller with TI voice synthesizer, remote base port, real time clock and scheduler.

Features Include:

* *Voice Synthesizer ID*
* *Twenty Voice Messages*
* *Real Time Clock*
* *(20) Position Scheduler*
* *CW Identifier*
* *DTMF Audio Muting*
* *DTMF Pad Test*
* *Remote Base Port*
* *Internet Firmware Upgrades*
* *Dual DTMF Decoders*
* *(40) User Macros*
* *(50) Event Macros*
* *(42) Control Functions*
* *(4) Logic Inputs*
* *(6) Output Switches*
* *Fan Control*
* *CTCSS Encoder Switch*



Options Include:

* *19" Rack Mount Enclosure: $49.00*
* *Computer Interface with Windows® Editor on CDROM: $49.00*

CAT-250 Repeater Controller: $299.00

For detailed information including a complete manual, visit us at www.catauto.com

Computer Automation Technology Inc.

4631 N.W. 31st Avenue, Suite 142
Fort Lauderdale, Florida 33309
Phone: (954) 978-6171 - Fax: (561) 488-2894

Public Service in the mouintains!

Boone NC hams cover bikes, Marathon

Marvin E. Weant K4MEW

The Watauga Amateur Radio Club provided public service communications support for the Half Century (50 mile) and the Century (100 mile) **Blood, Sweat and Gears** bicycle rides on Saturday, June 26, 2004.

Approximately 296 riders competed in the Half Century event starting at 7:30 AM. The first rider completed the event in 2 hours and 30 minutes. The last rider completed the race in 7 hours and 20 minutes. Proceeds from the two events go to support the American Red Cross in Watauga County.

Approximately 598 riders competed in the Century event starting at 7:30 AM. The first rider completed the event in 5 hours and 2 minutes. The last rider completed the event in 9 hours and 26 minutes.

Repeater Journal COVER STORY

The Boone/Rich Mt. Repeater on 147.360 MHz enabled good communications with seven of the eight aid stations. Communications with one station was maintained through the use of cell phones. Being able to maintain good communications over the terrain that was covered by the two races speaks well for the coverage of the Boone/Rich Mt. Repeater. This is the 6th year that the WARC has provided communications support of the Blood, Sweat & Gears event. And as always, the riders expressed their sincere appreciation for the support that was provided.

The Watauga Amateur Radio Club also provided public service communications for the **Grandfather Mountain Marathon** on July 10, 2004. 342 runners competed in the 26 mile marathon which began at 7:30 AM at Kidd Brewer Stadium at Appalachian State University and finished at McRae Meadows on Grandfather Mountain. The first runner completed the marathon in 2 hours and 42 minutes. The last runner completed the marathon in 6 hours and 7 minutes.

Communications were provided through the use of the Boone/Rich Mt. Repeater on 147.360 and the Mt. Mitchell Repeater on 145.190, and the use of a cell phone. These two repeaters provided excellent coverage for the entire marathon route with the exception of the finish line.

Routine traffic for these events is not unusually heavy. It generally consists of passing information regarding the first and last rider/runner back to the start finish line, requests for additional supplies such as water, powerade, etc., and assistance for disabled bicycles.

Over the past several years we have fortunately had only one significant accident – a rider who suffered a concussion. Once we were aware of the accident, we were able to have EMS on the scene within 10-15 minutes. The rider's spouse was also in the ride and was somewhere behind him. We were able to locate her and get her to him within in approximately 15 minutes.

With both activities, we have not had any major communications problems. This is accomplished by prior planning and selection of the communications sites. Minor problems are tweaked year to year.

The use of a relay station this year greatly improved the coordination of the communications. Additional improvements will need to be made to ensure complete communications capability over the entire marathon route in the future.

The one significant problem yet to be overcome is the communications to McRae Meadows for the Highland Games. We are working on a portable beam antenna that can be used for next year. I believe that that problem will be overcome.

It is a great feeling to participate in these activities. It can all be summed up in a few words. An individual working at the aid station where I was in 2003 for the Grandfather Marathon told me that he was the most comfortable he had been in 23 years because I was there with a radio.

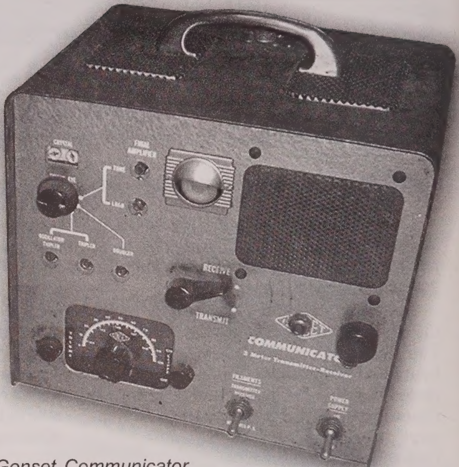
The hams and XYLs who participated in the events were:

Steve Byerly KU4NA
Tim Harmon KE4KFV
Emily Kinsman KE4CBI
Karen Byerly K4JNP
Marvin Hoffman WA4NC
Marvin Weant K4MEW
John Dinkins WA4J
Bill Imperatore KC8GKI
Betty Weant
Scott Douglass K2SD
Joanne Imperatore
Jason Welton KB1KGS
Finley Dula AD4VY
Fox Kinsman KJ1FOX ■

Blood, Sweat and Gears: the Wautaga ARC provides communications for events in the North Carolina mountains

Nostalgic Wavelengths

DAVID BOWER K4PZT
P.O. BOX 10145
KNOXVILLE, TN 37939
k4pzt@sera.org

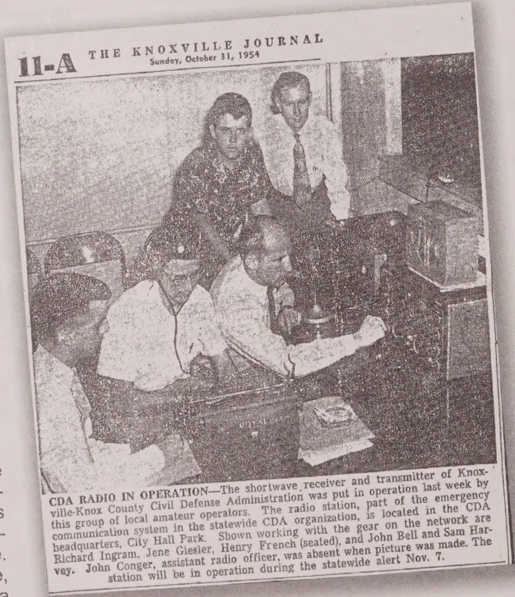


The Gonset Communicator, frequently used for local Civil Defense communications in the 1950's

The Cold War and Amateur Radio Preparedness

Following the end of World War II and through the start of the Korean War the United States was thrust into developing a growing arsenal of sophisticated weaponry to keep pace with the threat posed by Russia and their allies. I recall quite vividly as a youngster reading the newspaper headlines when Russia first successfully tested a Hydrogen bomb. This was followed in 1957 by the announcement that Russia had launched Sputnik-I. With the complexion of possible future wars being impacted by the threat of nuclear weapons and missiles, the United States was scrambling to adjust.

In the 1950s, the United States established the Civil Defense Administration to deal with the potential threat. Public schools conducted regular "bomb" drills, along with other agencies, in case of a nuclear attack. Bomb shelters were established in many communities. Various cities had a central civil defense area for storing water, food and other supplies. Commercial radio stations started using the Conelrad alert system in case of an attack. And amateur radio, in many areas, established an organization to work with Civil Defense. This was the era before the Internet, reliable commercial wireless communication and direct-dial long distance telephone. Amateur radio was, therefore, uniquely equipped with a trained base of operators and the communication frequencies to use during an emergency.



11-A THE KNOXVILLE JOURNAL
Sunday, October 31, 1954

CDA RADIO IN OPERATION—The shortwave receiver and transmitter of Knoxville-Knox County Civil Defense Administration was put in operation last week by this group of local amateur operators. The radio station, part of the emergency communication system in the statewide CDA organization, is located in the CDA headquarters, City Hall Park. Shown working with the gear on the network are Richard Ingram, Jene Giesler, Henry French (seated), and John Bell and Sam Harvey. John Conger, assistant radio officer, was absent when picture was made. The station will be in operation during the statewide alert Nov. 7.

Knoxville TN hams operating the city CD station in 1954 (see story on page 14)

In Knoxville, Tennessee, where I lived, a group of radio operators worked with the local government to establish a viable emergency communication service in 1954. The group set up an HF radio station at the City Hall, and conducted regular training drills to test the system.

Later, as the effort grew, the Radio Amateur Club of Knoxville was formed as the core local group to support this initiative. With funds from a grant, a new school bus was acquired and equipped with ham radio equipment, antennas and a generator. The white communication bus was ablaze with the Civil Defense emblem and really looked impressive. An attached ladder allowed antennas to be erected from the roof as needed.

The design concept was to establish communication on 75 meters with the state capital in Nashville, and use a local six meter infrastructure for the area near Knoxville. For six meters, three Gonset Communicator-IIs were in place. One was located in the vehicle, and the others were used mobile by local hams. Locally, the "Knox County Six Meter Emergency Net" met Monday through Friday on 50.4 MCS at 1900 ET for training and traffic.

Typically, we would check into the Tennessee Phone Net on 3.980 MCS in the morning to pass HF traffic, and relay it (as appropriate) on six meters in the evening. Regular full-blown tests would occur (usually unannounced) to test the capabilities of the communication system statewide. The goal, in East Tennessee, was to use the six meter capabilities for passing traffic later on 75 meters to Nashville. Occasionally, the six meter net control would call the net "mobile" to simulate emergency conditions.

As the sophistication of communication technology evolved, the need for emergency communication also changed and the era of the "White Civil Defense Unit" disappeared into the sunset. Certainly, amateur radio still has a viable and responsive emergency communication responsibility, with ARES/RACES being the most recognizable component. But the era of the early Civil Defense effort by amateur radio lingers in the proud history of our hobby as a testament to our dedication. ■

8th Annual
Catawba Valley Hamfest

Saturday - April 16th, 2005

8 AM - Until

Morganton, North Carolina

- Free Parking
- Acres of FREE Flea Market Space (with ticket purchase)
- Pre-registration and Hourly Prizes
- Admission $5 at the gate, $4 early
- License Testing, Forums, Displays
- New and Used Radio Equipment Dealers
- Breakfast and Lunch by local Ruritans
- *All buildings and the Bone Yard are Handicap Accessible!*

Dealer and Ticket Information

Michael Fox (KF4MWX)
(828) 437-2787
Email: kf4mwx@bellsouth.net

Hamfest President

Don Beam (KK4NI)
Voice: (828) 652-3102
Email: kk4ni@arrl.net

Hamfest Mailing Address

Catawba Valley Hamfest
4895 Karen Court
Morganton, NC 28655

2005 Grand Prize
Yeasu FT-897D

More information?
Visit our Website:
http://www.cvhamfest.com

Ticket Request Form

Callsign: _______________

Name:

____

Address:

____

City, State, Zip:

____

Phone:

____

Number of tickets / Total:

____ x $4 = ______

Please include a stamped, addressed return envelope!

Sponsored by the Burke, McDowell and Caldwell County Amateurs and the Morganton Recreation Department

6th Annual!

Dayton Hamvention by Bus

May 20-22, 200

The bus will leave from **Burlington, NC** (Exit 145) on May 19th at 7 AM
with the following pickup locations and times:

Greensboro	Four Season's Mall	7:20 AM
Kernersville	Behind Hardee's	7:50 AM
Winston-Salem	Lowe's Parking Lot	8:15 AM
Mt. Airy	Exit #8 on I-74 (Neighbor's)	9:00 AM
Hillsville, VA	Exit #14 on I-77 (Wilco)	9:25 AM
Wytheville, VA	Exit #80 on I-81 (McDonalds)	9:45 AM
Bluefield, VA	TBA	10:30 AM

Dayton
2005

The cost will be $ per person
covers coach and 3 nights lodging (double occupancy) at the University of Dayton

It is advisable to order your Hamvention ticket (good for all 3 days)
in advance for .

Their address is: **Hamvention Advanced Tickets, PO Box 1446, Dayton OH 45401**.

A $75 deposit is required to reserve seat, with the balance due by March 1 th

Note: *I will take the first 50 people to make a firm commitment – either by sending in their deposit or contacting me personally.*

Print out this form and clip and send the form below, along with your deposit to:

Bill Lundy, NC4BL
151 Brady Johnson Lane
Mt. Airy, NC 27030-7606

e-mail: *nc4bl@surry.net*
Phone: 336-320-2135
Fax: 336-320-2136

Don't Delay
Mail In Today!

- -

Name________________________________Call_________________Phone_______________

Address____E-mail_______________________

City__________________________________State_________Zip___________

Deposit__________($75 required immediately. Balance________(Required by March 15th, 2005)

Note: I would like to room with __________________________________Call_________________

Knoxville Journal Reports on hams in '54

The *Knoxville Journal* had an account of the amateur radio Civil Defense effort in the October 31,1954 issue of their newspaper. It mentions that the radio station was part of the communication system in the statewide CDA (Civil Defense Administration) organization located in City Hall Park. As the newspaper relates, the station will be used during the statewide alert on November 7,1954 (see photo on page 12).

Richard Ingram W4PHW is shown in the left of the picture in . To the right of Richard, Jean Geisler W4TYU is shown at the old Royal typewriter (Jean was SERA Tennessee State Director many years ago). Henry French W4SVE is shown seated, operating the station. The young ham (standing, left) is John Bell W4BBB (SK). After he passed away, the Radio Amateur Club of Knoxville applied for his call, in honor of his service. Sam Harvey (standing, right) looks on. Not pictured is John Conger W4TZJ (SK) who was one of my mentors in early emergency communication.

Back then, the group was also very active on 10 meters and worked the world with 50-60 watts AM, using crystal controlled transmitters with an 815 final. Gonset made a Communicator-II for both 6 and 2 meters, with the Civil Defense emblem on the sides, and the front panel. You'll still see these old "Gooney Birds" complete with tuning eye tube at hamfests.

Thanks to Henry French (W4SVE) for supplying the copy of the newspaper article, and for providing other details. ■

Fifty years later: Tom Badgett K4NOX (right) recognizing Jean W4TYU (left) and Richard W4PHW as founding members of the Radio Amateur Club of Knoxville

TEN-TEC

TEN-TEC is Now your Dealer!

ALPHA DELTA
WGA
AMERITRON
DIAMOND ANTENNA
M2
ARRL
DAIWA
LDG ELECTRONICS
MFJ
COMET
Amphenol
MIRAGE Communications Equipment
HUSTLER
Lakeview Company The Hamstick Folks
Maldol
BENCHER, INC.
butternut
RADIO WORKS
CABLE X-PERTS

Ten-Tec's Factory Store in Sevierville, TN now carries a full line of amateur radio accessories from other companies in addition to our own manufactured gear. Coax, wire, antennas, tuners, accessories - we've got it all.

Visiting the Great Smoky Mountains? Come see our factory store in person, order by phone ***(800) 833-7373***, or visit our Internet store at ***www.tentec.com***.

Store Hours: 8:00 am - 5:00 pm EST Mon. - Fri.
Phone Hours: 9:00 am - 5:30 pm EST Mon. - Fri.

1185 Dolly Parton Parkway
Sevierville, TN 37862
Sales Dept: 800-833-7373
Monday - Friday 9:00 - 5:30 EST
We accept VISA, Mastercard, and Discover

Office: (865) 453-7172
FAX: (865) 428-4483
Repair Dept.: (865) 428-0364 (8 - 4 EST)

(800) 833-7373

www.tentec.com

American Radio Relay League Georgia Section Convention

ATLANTA HAMFEST

ATLANTA-RADIO-CLUB
W4DOC
AMATEUR-RADIO-FOR-INTERNATIONAL-FRIENDSHIP

Saturday June 4, 2005

◆ DEALERS ◆ FLEA MARKET

◆ TAILGATING ◆ PRIZES ◆ FORUMS

◆ EXAMS ◆ FOOD

◆ RV & CAMPING AND LOTS OF FUN...

Scholarship Available...

In the spirit of supporting Amateur Radio, The Atlanta Radio Club, W4DOC, is pleased to offer a scholarship to a deserving young Ham.
See website for more details and an application

The Atlanta Hamfest would like to recognize the following vendors and clubs for their ongoing technical, financial, and advisory support of The Atlanta Hamfest: Alabama Radio, Bond & Garcia, C.T. Morgan & Associates, C&J Radio, Cedar City Sales, HRO, Kenwood, Lakeview Co., MCM Computers, MFJ Omar Electronics, Rosewood Co., RF-TEC, SignMan of Baton Rouge, The Wireman, Tower Electronics, ARRL, GARS, SEDXC, QCWA49, NOGAQRP, Augusta ARC, AMSAT

WHEN

June 4, 2005
Saturday 830AM—330PM
Vendor Setup Friday 12PM-8PM

ADMISSION

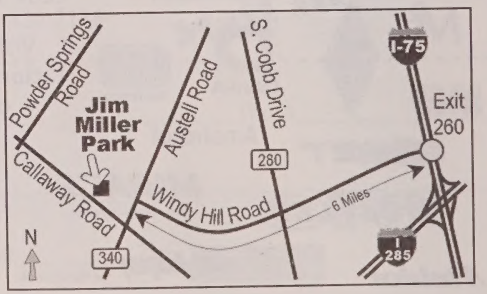
Adults: $5
Children Under 18 Free

LOCATION

Jim Miller Park
2245 Callaway Rd Marietta, GA

GPS: Lat 33d 53' 59"N
Lon 84d 35' 29"W

TALK-IN: 146.820(-)
PL 146.2



For more information...

WWW.ATLANTAHAMFEST.COM

John Talipsky, N3ACK (770) 995-6446 or Email: johnjr@talipsky.com
385 Madison Chase Drive Lawrenceville, GA 30045

5th RARS SWAP FEST

MAY 21, 2005

Prizes

Raffle

NATIONAL GUARD ARMORY

WILLIAMSTON, NC

8 AM until 3 PM

FREE ADMISSION/FREE TAILGATING

Inside Fleamarket - Tables $5

FCC EXAMS - 11 AM - *walk-in welcome*

TALK-IN ON 145.41 - PL 131.8

For more information contact:

Steve K4SER at 252-792-1368
or
Harold KC4ZMF at 252-792-4118

THE RF CONNECTION

The RF Connection
213 North Frederick Ave.
Suite 11RJ
Gaithersburg, MD 20877

Complete Selection of MIL-Spec Coax, RF Connectors and Relays

Item	Price
UG-21B/U N Male for RG-213/214	$5.00
UG-21D/U N Male for RG-213/214	$3.25

N Connectors for 9913/Flexi4XL/9096

Item	Price	Item	Price
UG-21B/9913	$5.75	Pins Only	$1.50
UG-21D/9913	$4.00	Extra Gasket	$0.50

Item	Price
Amphenol 83-1SP-1050 PL-259	$0.90
UG-176/U Reducer RG-59/8X	25¢ for 5/$1.00
UG-175/U Reducer RG-58/58A	25¢ for 5/$1.00
J&I Silver Teflon PL-259 MIL-Spec	$1.25 or 10/$10.00

MIL-Spec Coax Available (Teflon, PVC 11A)
Certified CQ Flexi 4XL811A (Flexible 9913)
International's 9096-2A Low Loss
RG-8 Size, Stranded Center conductor
Same Specs as 9913 ...... 70¢/ft or $59.00/100 ft
RG-8X Clear w/UV Jacket 98% Cu $14.00/100 ft

Full Line of AudioConnectors for ICOM, Kenwood, and Yaesu

Item	Price
8 Pin Mike Female	$2.00
8-Pin Mike Male Panel	$2.50
13-Pin DIN for Kenwood	$2.75
8-Pin DIN for ICOM	$1.00
8-Pin DIN for Kenwood	$1.50

Prices Do Not Include Shipping

The R.F. Connection
"Specialists in RF Connectors and Coax"
Call for Specials of the Month!

ORDERS (800) 783-2666
Info (301) 840-5477
FAX (301) 869-3680

Program your amateur radio like a Pro

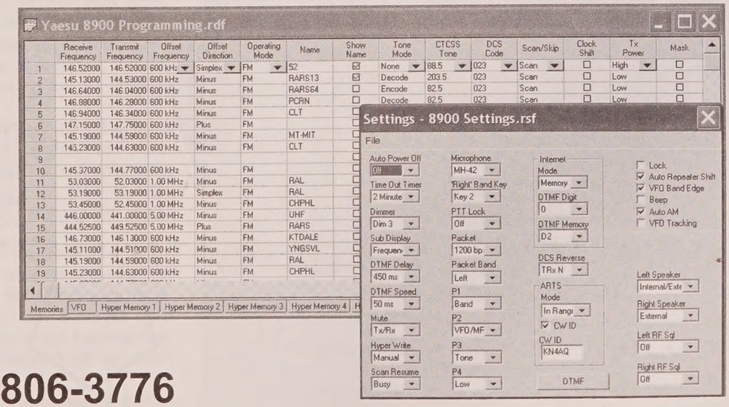
with software from

RT Systems, Inc.

Since 1995. The original software for amateur radio programming.

RT Systems software is approved for use by major radio manufacturers and available through their dealers.

Know what you're getting. Look for ***RT Systems Software*** on the label.



Yaesu 8900 Programming.rdf

	Receive Frequency	Transmit Frequency	Offset Frequency	Offset Direction	Operating Mode	Name	Show Name	Tone Mode	CTCSS Tone	DCS Code	Scan/Skip	Clock Shift	Tx Power	Mask
1	146.52000	146.52000	600 kHz	Simplex	FM	52	☑	None	88.5	023	Scan	☐	High	☐
2	145.13000	144.53000	600 kHz	Minus	FM	RARS13	☑	Decode	203.5	023	Scan	☐	Low	☐
3	146.64000	146.04000	600 kHz	Minus	FM	RARS64	☐	Encode	82.5	023	Scan	☐	Low	☐
4	146.88000	146.28000	600 kHz	Minus	FM	PCRN	☐	Decode	82.5	023	Scan	☐	Low	☐
5	146.94000	146.34000	600 kHz	Minus	FM	CLT	☐							
6	147.15000	147.75000	600 kHz	Plus	FM		☐							
7	145.19000	144.59000	600 kHz	Minus	FM	MT-MIT	☐							
8	145.23000	144.63000	600 kHz	Minus	FM	CLT	☐							
9							☐							
10	145.37000	144.77000	600 kHz	Minus	FM		☐							
11	53.03000	52.03000	1.00 MHz	Minus	FM	RAL	☐							
12	53.19000	53.19000	1.00 MHz	Simplex	FM	RAL	☐							
13	53.45000	52.45000	1.00 MHz	Minus	FM	CHPHL	☐							
14	446.00000	441.00000	5.00 MHz	Minus	FM	UHF	☐							
15	444.52500	449.52500	5.00 MHz	Plus	FM	RARS	☐							
16	146.73000	146.13000	600 kHz	Minus	FM	KTDALE	☐							
17	145.11000	144.51000	600 kHz	Minus	FM	YNGSVL	☐							
18	145.19000	144.59000	600 kHz	Minus	FM	RAL	☐							
19	145.23000	144.63000	600 kHz	Minus	FM	CHPHL	☐							

Settings - 8900 Settings.rsf

Auto Power Off: Off
Time Out Timer: 2 Minute
Dimmer: Dim 3
Sub Display: Frequen
DTMF Delay: 450 ms
DTMF Speed: 50 ms
Mute: Tx/Rx
Hyper Write: Manual
Scan Resume: Busy
Microphone: MH-42
'Right' Band Key: Key 2
PTT Lock: Off
Packet: 1200 bp
Packet Band: Left
P1: Band
P2: VFO/MF
P3: Tone
P4: Low
Internet
Mode: Memory
DTMF Digit: 0
DTMF Memory: D2
DCS Reverse: TRx N
ARTS
Mode: In Rang
☑ CW ID
CW ID: KN4AQ
☐ Lock
☑ Auto Repeater Shift
☑ VFO Band Edge
☐ Beep
☑ Auto AM
☐ VFO Tracking
Left Speaker: Internal/Exte
Right Speaker: External
Left RF Sql: Off
Right RF Sql: Off

1-404-806-3776

Personal assistance and tech support

www.cloningsoftware.com

Ordering... Updates... Answers to Frequently Asked Questions

Programmers and interface cables for Yaesu, Icom, Alinco and ADI radios

FIFTEENTH ANNUAL

•••• •− −− ••−• • ••• −   •••• •− −− ••−• • ••• −

DOWN EAST HAMFEST

•••• •− −− ••−• • ••• −   •••• •− −− ••−• • ••• −

Sunday, March 6, 2005

Prizes

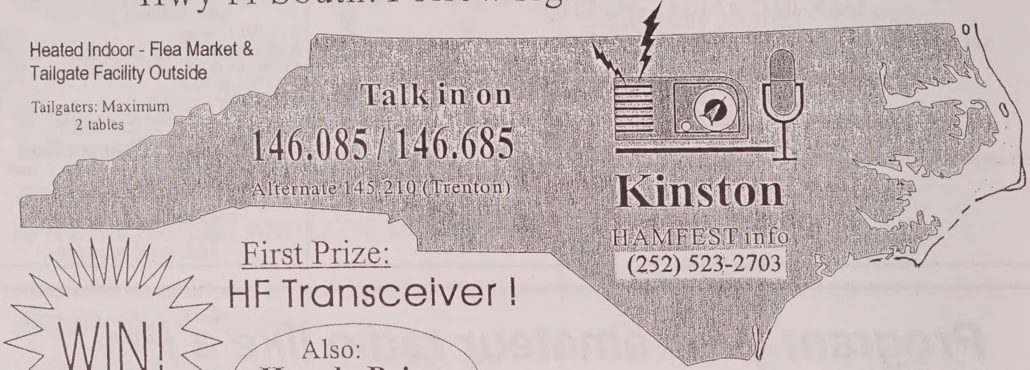
8 AM until 3 PM
At the
Lenoir County Fair Grounds

Bigger & Better

Hwy 11 South: Follow signs from US 70 East

Heated Indoor - Flea Market &
Tailgate Facility Outside

Tailgaters: Maximum
2 tables



Talk in on

146.085 / 146.685

Alternate 145.210 (Trenton)

Kinston

HAMFEST info
(252) 523-2703

WIN!

First Prize:
HF Transceiver !

Also:
Hourly Prizes
(Must be present to win)

www.downeasthamfest.org

FCC EXAMS

Bring an original and a copy of your license or certificate and Credit Certificate (if applicable). Walk-ins only !

Exams start at 11 AM

ADMISSION

$4 each or 3 for $10 in Advance
(pre-register by February 26, 2005)
$5 each or 3 for $12 at the Door

Tables available through pre-registration on a first come - first serve basis. Locations are assigned by HAMFEST.

Items to be sold at the Hamfest:
radios, computers & relating Amateur Radio accessories

Pre-Registration Form
PLEASE PRINT CLEARLY

Name: ____________________ Call: ________
Address: ______________________________
City: ______________ State: _____ Zip: ______
Phone: _(____)________________

Economical Meals and Refreshments Available on the Grounds.

WIN!
Pre-Registration Prize

2 Meter
Handy-Talkie

Send completed form and SASE to:
Down East Hamfest, Inc.
P.O. Box 1778
Kinston, NC 28503

TICKET/TABLE INFORMATION

Quantity		Amount
___	Advanced Tickets $4 Ea.	☐
___	or 3 for $10	☐
___	Tables: $10 Ea.	☐
___	Electrical Outlets $5 Ea.	☐
	Total:	☐

Forms must be received by February 26, 2005 !

Internet Linking

Danny Musten
KD4RAA
kd4raa@sera.org

Choosing a Link Radio

One of frequent questions that I am asked is "what link radio is my choice for interfacing IRLP or Echolink to repeaters?" I have experimented with many and found some more suitable for linking than others. For certain, the stock amateur mobile rig is *not* one of them. Although ham gear is frequency agile, it often lacks the necessary logic and convenient audio access points that are needed to interface to the VoIP system. Selectivity is usually poor in high RF environments and most importantly, it does not normally offer continuous duty operation in the power amp stages. Link radios can stay keyed on for hours on some of the common regional nets, and get mighty warm with those extended QSO's on the VoIP system. And you also might have noticed that the PL encoder/decoders in some ham rigs have a slower response.

Make your ham rig your personal node link in the shack, and dedicate an older, proven GE or Motorola product to the repeater link application.

If you are familiar with building repeaters or helping maintain them, you will not be afraid to tackle interfacing these links. For the faint of heart, there are some plug and play solutions out there for some of the common ham rigs, but performance will vary and I would not encourage them for a long-term solution, especially if left linked to your local repeater.

I recently saw a back to back post on one of the user groups from one fellow that had successfully "hooked up" his HT-202 simplex to his node, boasting how his "vox worked real good" and that it was "running off of his computer's power supply to a 50 foot Ringo". Well, can you name at least five things wrong with this picture? I couldn't help but chuckle after noting that his follow-up was posted a few weeks later asking for recommendations for the "best link radio to use."

Some of the packet ready radios are real tempting because they have those data ports for logic and audio access, but suffer on the TX side when it comes to continuous duty. Composing this article, I am reading a node user's note on the IRLP owners group indicating that his Yaesu mobile just gave up the ghost due to finals failure.

If you do decide to homebrew your own interface (my schematics were in the August 2004 article) and experiment with that extra rig you have lying around to build up your personal node, use common sense and good amateur practice. Operate on a vacant 70cm or 1.25 meter simplex with the lowest power setting (SERA will coordinate a permanant link frequency), and even then put a fan on the finals.

Simplex nodes are a whole 'nother topic, especially full-power 2-mtr ones without PL protection. Just be sure that you if make your simplex node available on your tall tower, that you are able to simultaneously hear the locals out there using your node or you will leave yourself open for interference. I have to tell you that I have received at least two inquiries on how to interface an

Education Showcase:
Trinity High School, Boiling Springs, PA

Danny Musten KD4RAA

In November of 2004, all of Sean Barnes N3JQ's high school physics class seniors passed their ham licenses - ***ALL 65 of them!*** As a part of the project, students were required to make 30 contacts to complete the assignment.

I was privileged to be contacted by six of the KB3Lxx 17-year-olds who were excited to be introduced to ham radio and were using Echolink as their first rig – so to speak.

Their questions to me were targeted much like any HF QSO and they were polished in their operating procedure. I found myself reliving that first-time thrill as the students asked about my QTH, terrain, profession, current weather, my favorite rig recommendations and operating mode and how ham radio has influenced me. Many of the students were looking forward to getting their first HT or mobile rig, with three boasting that they were in a contest with other students to see which one would achieve their Extra first.

N3JQ has to be commended for integrating amateur radio into his high school science curriculum and for creatively utilizing a VoIP scheme as a training tool for his students to practice making contacts. "Echolink is an educator's dream" states Barnes, "Since none of the 146 licenses-to-date coming out of Trinity have any relative at home with a ham license, the computer/Echolink is a great way to get started." Students can immediately begin to make contacts and practice their operating skills from their home computers, while waiting to get access to limited sets of RF gear that have been donated to the school.

Sean's curriculum has caught the attention of national and international science educators, with many now wishing to incorporate amateur radio as encouragement to youth seeking technical careers. In the months remaining in this school year, I hope you have the opportunity to make contact with these students and hear the enthusiasm in their voices that will bring warmth to the cockles of your heart. This amazing program certainly can be a model for any of us wishing to grow the hobby.

Repeater Journal COVER STORY

Some of the 65 new hams from Trinity High

IC-706 and one FT-847 to their local repeater… that, without hesitation I offered to "trade" them for a commercial rig ready to roll. Why would anyone waste… well, if you are one of these, I will be more than happy to talk to you privately!

I really want to encourage you to have the right configuration in place before you make the VoIP network available on your local machine.

Good used commercial mobile radios are easy to find these days at hamfests, ebay, state surplus sales, etc… with many of mine rescued from the dusty shelves of local two-way shops or some hand-me-downs from commercial agencies that have otherwise been sold on utilizing other bands or the latest bells and whistles technology. Most commercial gear is built with better front-end selectivity and rejection, have documented places to pick off your logic and audio connections and generally are rated better on the RF decks for industrial duty. I will mention some of my favorites in a moment, but first, there are some considerations to make when connecting to one the VoIP networks.

Your repeater is the first thing you want to make sure is ready before you install the link.

If you run a 220, UHF or higher frequency machine, then you can link directly to the repeater with your VoIP link radio.[1] If you have a 2M or 6M machine, then according to present rules, you need a coordinated link hanging off your repeater or from one of your controller ports, and of course a matching rig on the VoIP box end. If you are fortunate enough to have internet at your transmitter site, then you can direct interface your VoIP box to an unused controller port and eliminate the RF link.

Motorola Radius GM300 - 16 channel UHF (Average Ebay $125.)

KEEP YOUR ID'S OFF THE NET

To keep your link to the VoIP network interference-free, it is extremely important and even required on some of the Reflectors and Conferences, for you to eliminate the audio from your repeater's courtesy tones, announcements and ID's. Hang time is also frowned upon as those on the "other end" have to wait for your repeater to reset before anyone else can talk. Anyone who is involved in linking repeaters knows the importance of not having YOUR information come across on other repeaters or links, especially when in large nets on the VoIP network that can have literally dozens of machines connected in. If all repeaters linked in sent their controller's personality, we would have one big mess.

Some linked repeaters are configured for instant drop, allowing for fast response and recovery times on the links, even when they use CTCSS. Your hang times and courtesy tones would not only slow the net down by everyone having to wait for your system to finish, you instantly become an unwanted celebrity and may even get blocked or muted from further participation. Besides, the repeater owners who have worked hard on their system to configure it properly get extremely annoyed when others do not conform to this "clean audio" standard.

The solution is really very easy by either:

1- placing your controller/repeater on-demand in zero hang time or

2- using PL to gate your audio to the network.

If you already have PL decode and re-encode on your repeater, then you are all but home free. Many repeater owners have already configured their machines to re-encode the PL on the TX side ONLY when there is a valid PL or carrier on the receive side of the repeater. All of the announcements, courtesy tones, ID's…etc. are sent without the PL on the transmit. Thus your link radio, which is hanging off of your VoIP box, will hear voice audio only. Those who frequently cross-band repeat from their HT's to their mobiles know that the response/recovery time is far better when PL is re-encoded on the repeater.

With your VoIP link programmed to decode PL, you are set, but make sure that your COS logic used to trigger the VoIP box is able to "see" the PL decoder logic as opposed to just the COS sense only…or your link will be hearing all that the repeater dishes out.

Note that it is not necessary to have PL decode on your repeater's input as long as the transmit side sends PL, triggered from the receiver side COS. Your controller can obviously decide whether or not to use PL decode – that really doesn't matter except for the benefit of your local users. However, if your repeater is prone to intermod or other interference, it will sneak through to the network if you leave your repeater in carrier access while connected to a node and unattended.. You obviously risk being blocked from participating on Conferences and Reflectors.

ADDING PL ENCODE

One of the easiest ways to implement this TX-PL encode following your receiver COS and/or PL decode is to retro-fit your repeater using a relatively inexpensive Com-Spec TS-64 CTCSS encoder/decoder. The encoder side of this tone board can be made to trigger off of the decoder or repeater receiver COS, as opposed to what you might find from stock commercial repeaters that have PL encode full time while the transmitter is up. All of your announcements, ID's, and even hang time can still be present, but because they are sent without the PL tone, your link radio on the VoIP box will never hear them.

A quick look at the schematic and hookup instructions available on the com-spec.com site, shows that you can tie the board's *Transmit PTT Input (that starts the encoder out)* to your COS logic, and it will encode *out* only on a valid receiver COS *in*. This input pulls low to turn on the encoder, so you might need to add an NPN open collector switch if your repeater receiver COS logic goes high. Alternately, you could also tie the *Transmit PTT Input* to the *Audio Mute line out*, which can be configured with a board jumper to pull low when PL is decoded by the tone board.

Many modern controllers have this *TX PL encode-out follow RX COS* feature set built into the programming and you may use your existing repeater tone boards to run a similar configuration. Also, to make sure you don't have two PL encoders running at the same time, use a high pass filter to strip the PL from your receive audio, and be sure to insert the PL encode audio back in to your exciter at the right spot (not the same as the voice audio path) or you will have some interesting "tonal" artifacts.

Another trick that I have seen implemented is that when the VoIP box/link makes an initial connection to the repeater, it sends a custom set of DTMF tones that places the repeater controller in a near zero hang time state, changes out the normal announcement and courtesy tone macros, and has a "patient" ID that waits for a quiet segment to run. When the node disconnects, it sends the DTMF codes to place the repeater back to a normal state. Many repeater owners use this or a similar feature set to alert them when the link is up. Plus it accomplishes basically the same task as using the PL scheme, but on occasions, a forced ID or burst of intermod will sneak through to the network if it is not behind PL.

Radio Amateur Club of Knoxville
Repeaters * 53.77 * 147.30 * 145.21 * 224.50 * 444.575
ARRL Affiliated
RACK
Club Call W4BBB

KNOXVILLE HAMFEST & Electronics Exposition 2005

Saturday June 11, 9 AM to 4 PM

KNOXVILLE EXHIBITION CENTER
WORLD'S FAIR PARK

TALK-IN on W4BBB Repeaters 147.30, 224.50, 444.575 LINKED

The Exhibition Center
is located below the
Holiday Inn Select Downtown
you may call
1-865-522-2800
for hotel reservations

For updated info check our Web site at
http://www.W4BBB.org
"Our 39th Annual Hamfest - And still Innovating"

GENERAL INFORMATION & RESERVATIONS
Hamfest Chair: Carol Whetstone N4LFR whetston@esper.com (865) 673-0475
PO Box 50514 Knoxville, TN 37950-0514

Alternatively, if you allow your local users DTMF access, a custom macro can also be sent to the controller by the operator to place it in a VoIP ready state, with some of the settings mentioned above, including passing DTMF tones through to the node link and turning on the PL.

On my local two-meter machine, there is a UHF link on the 2nd port of the controller that is dedicated to listening to the IRLP link radio/internet connection just a few miles away. It runs less that 10 watts on both ends and uses yagis at 20 feet for the short hop. An old ACC-850 is still hangin' in there, but as many know, requires a " # " prefix to allow DTMF to pass.

The controller is set to have one short beep when a local user is on the receiver side of the repeater and a different chord tone heard on the repeater's output when the COS is keyed from the link radio (VoIP) side. In this way I can tell if the internet link is up and where the traffic is originating.

All of the audio is configured behind the CTCSS tones and the participants on the VoIP side only hear voice audio. The IRLP box also runs a custom script that ID's the UHF link radio back to the repeater.

When choosing a link radio, you will want to find one that has good access to:

1- *Carrier Squelch Logic (COS, RUS, etc.) follow your CTCSS or Digital Squelch Tone Decoder out*, which commonly swings +5 volts when your receiver is unsquelched **AND** decoding PL. (This voltage swing indicator is headed to the IRLP interface board COS input or Echolink interface to start the audio stream to the internet)

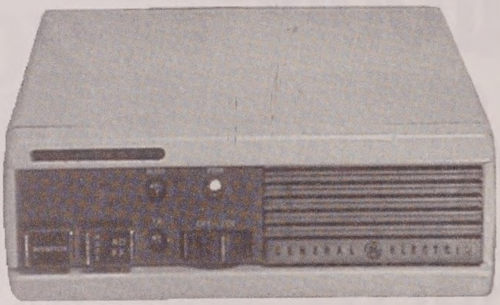
2- *Line Level Receive Audio* that is de-emphasized, squelch-gated and PL filtered – hopefully *not* the speaker audio. (this is headed for your Soundcard line input)

3- *PTT* (pull low / open collector key from IRLP board or Echolink serial interface adaptor)

5- *TX audio* inputs, pre-emphasized and deviation limited. Mic audio will work here too. (The audio source is coming from the line output of the soundcard.)

6. Adjust the *RF power* out.

The two radios that I have found to be most frequently used are the GE Phoenix SX, and the Motorola GM300/Maxtrac/Radius M-Series, with the 16-pin rear accessory jack. Some of the purists have converted their rockbound Mastr II mobiles, Exec's, Micors and Mitreks, which seem well suited for the highest RF environments while maintaining that Direct FM audio throughout.



GE Phoenix SX - Two channel UHF (Average Ebay - $65.)

GE Rangers and Deltas have also proven to be good choices, but like the MII's, Mitreks and Syntors, they need a little work if you want to eliminate the long cable harness and control head. I have also had some success with the GE MLS radios, but note that the MLS I radios will not reliably hold the TX VCO below 446 MHz while the MLS II's seem to behave better.

The Phoenix, as well as the 16-pin Maxtrac and GM300s, have all of the necessary audio and logic ins and outs available on the rear accessory connector without having to hack into the rig. There is a jumper in the M-Series vintage radios that allow flat or de-emph audio to the 16-pin accessory jack. If you do happen to have some of the 5-pin Maxtrac or Radius mobiles then I can email you a hack to get COS and audio to the RJ45 mic jack in the front, which is also documented on the batlabs.com site. Note that you will need access software and/or a RIB box to program the synth rigs, which many of us already have.

From experience, you may need to add a DC blocking cap (10uf or so) and an audio pad (2k-50k) into your TX audio path. There is usually some voltage on the mic line to power stuff in the hand mic which, if left present, might change your impedance or give other problems. And since you are using line level out of the sound card, you might need to pad that down some so that you will not overdrive the mic pre-amp stage in your radio.

A diode and maybe a current-limiting resistor can be inserted in your interface harness to protect your radio's COS logic from loading down. If you use the unprocessed receive audio, a resistor/cap RC network can be used to flatten out or de-emphasize your audio that points to your line-in of the soundcard. You will also want to have a common ground between your supply and computer to reduce ground loop hum on the audio path and provide a ground path for the PTT and COS logic.

If you do have a grounding hum issue, then 1:1 isolation transformers can be used in the audio paths, but make sure you don't forget to provide a ground for the COS and PTT logic to work.

Ah, and don't forget to program or jumper the "off-hook" or "hang-up" feature for the tone decoder to work. Check on your time-out timer programming as well. Also, it is handy to program a simplex frequency with a PL tone into your link to aid in setup and any audio fine-tuning before you place it on the repeater pair. Finally, put a fan on your fins, have a properly rated DC supply in place and have a go on the VoIP DVR test channels.

A good place to find radio-specific information is on the repeater-builder.com site. It has a wealth of links to GE, Motorola and various other gear. Pick-off points for connections to the Moto M-Series and Phoenix radios can be found on the irlp.net site.

If you have had good success with any other rig as links, I would like to hear from you. E-mail me at kd4raa@sera.org. ■

(800) 727-WIRE (9473)

That's all you need to know about Wire, cable and their accessories!

20 Years of quality & service!

www.thewireman.com

FOR SERVICE, PRICES, INFO - CALL:

(800) 727-9473

The Wireman™ Inc.

TECH HELP (864) 895-4195

E-Mail: n8ug@thewireman.com

Advertise your

BUSINESS

in this size ad

for just

$20/issue

e-mail:

editor@sera.org

for details

Winston-Salem Hamfest

Outdoor & Air Conditioned Indoor Hamfest!

Talkin 146.64

Alternate 145.47

TABLES AVAILABLE

LIMITED NUMBER - RESERVE EARLY!

BIG TAILGATING AREA

ARRL Sanctioned Hamfest.

Gates open at 6 AM for setup. Camping available Friday night.

Directions: I-40 to Winston-Salem then to US-52, North on US 52 to Akron Dr. - Left on Akron Dr. then left on Reynolds Blvd. - Left on Shorefair Dr. - Second Right on Deacon Blvd - Gate 5 is on your left.

More Information: www.w4nc.com - 336-817-3625

June 11, 2005

THE SERA OFFICIAL REPEATER INDEX

REPEATER LISTINGS FOR: GEORGIA ■ KENTUCKY ■ MISSISSIPPI ■ NORTH CAROLINA ■ SOUTH CAROLINA ■ TENNESSEE ■ VIRGINIA ■ WEST VIRGINIA

IMPORTANT NOTICE: The SERA ***Repeater Journal*** is Copyright 2005 by the SouthEastern Repeater Association, Inc., the officially recognized Amateur Radio Repeater Coordinating Organization for Kentucky, Georgia, Mississippi, North Carolina, South Carolina, Tennessee, Virginia and West Virginia.

The SERA ***Repeater Index*** may NOT be published or reproduced, in any form, by any individual, publication, electronic source, or any other means, for distribution without the expressed written consent of the SERA, Inc. All other rights reserved.

SERA will not be responsible for incorrect or omitted listings. The responsibility of correct listings is that of the actual repeater owner or sponsor. SERA makes every effort to keep the index as accurate as possible with information provided. The SERA ***Repeater Journal*** repeater lists contain certain repeaters which are NOT or have not been coordinated by SERA, or are not operating according to recognized frequency utilization plans. SERA does not necessarily condone or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas served by The SERA.

Some repeater owners or sponsors allow voice as well as other functions on their machine. Operators should check with owners for additional information about what is allowed, and what features are available. Digital Repeaters with normal input/output (pairs) are listed in the regular FM repeater index. Digital systems operating simplex are not coordinated by SERA and are not on our repeater lists. The *codes* column contains the tone or access code for those repeaters which the owner or trustee has given us written permission and asked that we publish them . Access tones are listed for the reader's convenience both in the By-State, and the By-Frequency listings.

Entries with "#" in front of city indicates repeaters added to this index that have not been coordinated through the local SERA state coordinator. Owners may work with their coordinator to get this indicator removed. Repeaters that have been coordinated but may not yet be on the air yet are listed with "PROP" in the codes column. Owners should notify SERA when on the air.

Repeater owners are reminded to contact their local Frequency Coordinator for assistance in coordination, changes in their listings, or any other requirements. All SERA services are FREE. It is very important that the annual SERA repeater datasheet, sent to all known repeater operators, be accurately updated each year and returned to SERA.

SERA RECOMMENDED FM VOICE SIMPLEX

10 Meters:	29.600#						
6 Meters:	52.490	52.525#					
2 Meters:	146.400*	146.415*	146.430*	146.445*	146.460*	146.475*	146.490*
	146.505*	146.520#	146.535	146.550	146.565	146.580	146.595
	147.405*	147.420*	147.435*	147.450*	147.465*	147.480*	147.495*
	147.510	147.525	147.540	147.555	147.570	147.585	
222 MHz	223.400	223.420	223.440	223.460	223.480	223.500#	223.520
	223.540	223.560	223.580	223.600	223.620	223.640	
440 MHz	445.825	445.875	445.900	445.925	445.950	445.975	446.000#
	446.025	446.050	446.075	446.100	446.125	445.150 (Not all listed)	

* Permitted for Voice Simplex use unless operation would cause interference to repeater inputs. Be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.
# - Designated National Simplex Frequencies.

SERA RECOMMENDED DIGITAL SIMPLEX CHANNELS

2 Meters:	144.390#	144.910	144.930	144.950	144.970	144.990	145.010
	145.030	145.050	145.070	145.090	145.510	145.530	145.550
	145.570	145.590	145.610	145.630	145.650	145.670	145.690
	145.710	145.730	145.750	145.770			
222 MHz.	223.660	223.680	223.700	223.720	223.740	223.760	223.780
440 MHz	440.9125	440.9250	440.9375	440.9500	440.9675	440.9750	440.9875
	441.0000	441.0125	441.0375	441.0500	441.0625	441.0750	441.0875
	441.1000	441.1125	441.1375	441.1500	441.1625	441.1750	

Hi Speed Digital Chan. - 222.350 to 222.450 (222.400 Center) - (100 KHz wide)
Hi Speed Digital Chan. - 223.800 to 223.900 (223.850 Center) - (100 KHz wide)

NOTE: Digital operators are reminded to check with their local Digital organizations as to which channels are available for various digital usage in their particular area. Some channels are for exclusive use of LAN or BBS, etc. usage. #144.39 Generally Accepted APRS channel

SERA JOURNAL REPEATER LISTINGS BY STATE - BY CITY

Listings Correct as of January 17, 2005

PLEASE NOTE: CTCSS Tone Frequencies are listed for repeaters only if the repeater sponsors request they be listed. Tone access listing does not indicate a closed repeater.

GEORGIA

10 METERS

CONYERS	AI8H	29.680	-		
DALTON	N4BZJ	29.680	-		
#MACON	KF4XH	29.620	-	UNCOR	
MONROE	KQ4XL	29.620	-		
VALDOSTA	KB0Y	29.680	-	T141.3	☺
WARNER ROBINS	WR4MG	29.660	-		

6 METERS

ATL/MARIETTA	KD4DKW	53.090	-	T151.4	
ATLANTA	KA5WZY	53.150	-		
AUGUSTA	W4WTA	53.030	-		☺
BISKEY MT.	KC4JNN	53.050	-	T100.0	
CARTERSVILLE	WB4AEG	53.070	-	T123.0	☺
CLYATTVILLE	WR4SG	53.390	-	PROP	☺
COCHRAN	W4MAZ	53.010	-	PROP	
#CONYERS	WB4JEH	51.550	+	UNCOR	
CONYERS	WB4JEH	53.550	-	T151.4	
CRAWFORD	KD4FVI	53.330	-	T88.5	
#CUMMING	WA4YNZ	51.700	-	UNCOR	
CUMMING	N1IB	53.930	-	107.2	
DALTON	N4BZJ	53.130	-		
HIAWASSEE	KC4CBQ	53.270	-	186.2	
KINGSLAND	KC5BMJ	51.940	-	T82.5	
LAKE PARK	WR4SG	53.890	-	T141.3	☺
LAWRENCEVILLE	W4GR	53.110	-	82.5	
LULA	WB4HJG	53.890	-	T82.5	☺
#MACON	KF4XH	53.390	-	UNCOR	
#MACON	KR4OL	53.430	-	UNCOR	
MARIETTA	N1KDO	53.210	-	T79.7	☺
MARIETTA	KF4BMG	53.250	-	T79.7	
MCINTYRE	KF4CXL	53.730	-	T77.0	☺
#PINE LOG MT	WD4OVN	53.450	-	UNCOR	☺
#PINE LOG MT.	K4PLM	53.290	-	UNCOR	
#ROSWELL	WA4YNZ	53.010	-	UNCOR	
SUMMERVILLE	KK4MC	53.750	-	T127.3	☺
WARM SPRINGS	KD4BDB	53.230	-	PROP	
WARNER ROBINS	WR4MG	53.790	-		
WATKINSVILLE	KD4AOZ	53.570	-	T123.0	☺

2 METERS

ADAIRSVILLE	K4NGA	146.685	-	167.9	☺
ALBANY	W4MM	146.700	-		☺
ALBANY	W4MM	146.730	-		☺
ALBANY	W4MM	146.820	-	T110.9	☺
ALLENHURST	KF4ZUR	147.270	+	162.2	
AMERICUS	W4VIR	147.270	+	T141.3	☺
ASHBURN/TIFTON	W4PVW	147.285	+	T141.3	☺
ATHENS	KD4QHB	146.745	-		☺
ATHENS	KD4AOZ	146.955	-	T123.0	☺
ATHENS/CRAWFRD	K4TQU	147.375	+	127.3	☺
ATL/UNION CITY	W4ZT	146.625	-	100.0	☺
ATLANTA	W4IBM	145.290	-	T88.5	☺
ATLANTA	W4DOC	145.350	-	T146.2	☺
ATLANTA	K4LCI	145.430	-		
#ATLANTA	WB4QGR	146.640	-	UNCOR	
ATLANTA	W4DOC	146.820	-	T146.2	☺
ATLANTA	K4CLJ	146.970	-	T	
ATLANTA	WA4NNO	147.000	-		
ATLANTA	KC4ZIZ	147.285	+		
ATLANTA CARES	WB4RTH	147.105	+	T107.2	☺
ATLANTA/AIRPORT	W4NJQ	147.030	+		
ATLANTA/BELL	W4PME	145.410	-	100.0	☺
ATLANTA/MARIETTA.	N4NFP	146.655	-	T151.4	
ATLANTA/MARIETTA.	N4NEQ	147.345	+	151.4	
ATLANTA/SWEAT MT	KD4NC	146.730	-		
AUGUSTA	KK4HL	145.110	-		
AUGUSTA	W4DV	145.290	-	T100.0	☺
AUGUSTA	AA4UA	145.370	-		
AUGUSTA	K4KNS	145.410	-		☺
AUGUSTA	W4DV	145.490	-		☺
AUGUSTA	KT4N	146.940	-		
AUGUSTA	K4KNS	146.985	-	100.0	☺
AUGUSTA	N4BMA	147.180	+		
#AUSTELL	K4JPD	147.195	+	UNCOR	
BACONTON	K4TWG	145.150	-	PROP	
BAINBRIDGE	KE4RWR	147.090	+	PROP	
BALDWIN	WD4NHW	147.180	+		☺
BARNESVILLE	W8JI	147.225	+		☺
#BLACK ROCK MT	KE4SNT	147.390	+	UNCOR	
BLAIRSVILLE	W9QXW	146.955	-	T100.0	☺
BLAIRSVILLE	KI4DZY	147.210	+	T100.0	
BOGART	W4EEE	147.000	+	T	☺
BONAIRE	KD4HMH	145.470	-	T	
BONAIRE	WR4LT	146.670	-	PROP	☺
BONAIRE	K4EDN	147.015	+	T82.5	☺
BOSTON	W4UCJ	147.195	+		
BOX SPRINGS	W4FIZ	146.745	-	T123.0	☺
BRUNSWICK	K4TVE	146.730	-		
CALHOUN	K4WOC	146.745	-	T100.0	☺
CARROLLTON	W4FWD	146.640	-	T131.8	☺
CEDAR GROVE	WA4EHO	147.150	+	PROP	
CEDARTOWN	W4CMA	147.120	+		☺
CHATSWORTH	N4YYD	145.250	-	T71.9	
CLARKESVILLE	K4HCA	147.120	+		☺
CLAXTON	W4CLA	147.075	+		
CLEVELAND	WB4HIG	146.910	-		☺
COCHRAN	N4MXC	145.110	-	T107.2	
COCHRAN	W4MAZ	147.330	+	T77.0	
COLBERT	N4ALE	147.300	+	123.0	☺
COLUMBUS	W4CVY	146.610	-	T	☺
COLUMBUS	W4CVY	146.880	-	123.0	☺
COMMERCE	NE4GA	147.225	+	T123.0	☺
CONYERS	WB4JEH	145.230	-	T151.4	
CONYERS	WB4JEH	146.610	-	T151.4	
CONYERS	KF4GHF	147.210	+	T162.2	
CORDELE	KA4WUJ	145.490	-	T103.5	☺
COVINGTON	WA4ASI	146.925	-		
CUMMING	WB4GQX	147.150	+		☺
DAHLONEGA	N4KHQ	146.835	+	T100.0	☺
DALLAS	WD4LUQ	146.895	+	T77.0	☺
DALTON	W4DRC	145.230	-		
DALTON	N4BZJ	147.135	+	T118.8	
DARIEN	WA4EPK	146.685	-		☺
DECATUR	W4BOC	145.450	-		☺
DOERUN	KG4ABK	147.225	+	PROP	
DOUGLAS	KE4ZRT	147.045	+	141.3	☺
DOUGLAS	KE4ZRT	147.165	+	T141.3	☺
DOUGLAS	AD4EQ	147.315	+	T141.3	☺
DOUGLASVILLE	KR4HV	145.110	-	T88.5	☺
DOUGLASVILLE	W4SCR	147.360	+	T88.5	☺
DUBLIN	WA4HZX	147.360	+		
EASTMAN	KC4RRO	145.210	-		
EASTMAN	KF4ODQ	145.330	-	T77.0	
EATONTON	KC4YHM	147.090	+	T179.9	☺
ELBERTON	N4UJT	146.625	-		
ELLIJAY/TALONA M	KC4ZGN	146.985	-	T77.0	☺
EMERSON	AE4JO	147.240	+	T103.5	
FAYETTEVILLE	WA4EPK	145.210	-	131.8	
FAYETTEVILLE	K4KZY	146.685	-		
FOLKSTON	KD4GEY	146.790	-		
FORSYTH	W4STJ	147.315	+	88.5	☺
GA TECH	W4AQL	145.150	-	167.9	
GAINESVILLE	W4CBA	145.190	-	PROP	
GAINESVILLE	W4ABP	146.670	-	T131.8	
GRIFFIN/CENAR	K4HYB	145.390	-	T88.5	
GRIFFIN/CENAR	K4HYB	146.910	-		
HARTWELL	N4VNI	146.895	-	T100.0	
HAWKINSVILLE	WR4MG	146.895	-	T107.2	
HINESVILLE	KG4OGC	147.015	+		
IRWINTON	WB4NFG	147.240	+	T77.0	
JASPER	KB4IZF	145.370	-	T100.0	☺
JASPER	K4UFO	146.700	-	123.0	
JASPER	KC4AQS	146.805	+	T100.0	☺
JESUP	WA4EQL	145.190	-		

GEORGIA REPEATERS CONTINUE

JESUP	WA9RNZ	145.430	-	T118.8	☺
JESUP	N4ZON	146.865	-	T123.0	
JESUP	N4PJR	146.925	-	T141.3	
JESUP/SCREVEN	N4PJR	147.345	+	141.3	
JONESBORO	WA4DIW	145.170	-		☺
JONESBORO	WA4OGE	145.330	-		
KIBBEE	K4HVK	146.820	-	T	☺
KINGSLAND	KC4WWU	147.285	+	T118.8	
LAGRANGE	KD4BWK	146.700	-	T141.3	
LAGRANGE	WB4BXO	147.330	+		
LAKE PARK	WR4SG	147.135	+	T141.3	☺
LAVONIA	K4NVG	146.715	-	T100.0	☺
LAWRENCEVILLE	W4GR	147.075	+	82.5	
#LINCOLNTON	KT4N	147.120	+	UNCOR	
LOOKOUT MT	W4GTA	145.350	-	T100.0	☺
LOOKOUT MT.	W4LAW	146.760	-	PROP	
LOOKOUT MTN	W4LAW	147.375	+	PROP	
MACON	W4BKM	145.370	-	T88.5	
MACON	AA4RI	145.430	-		☺
MACON	WR4DH	146.730	-	T100.0	☺
MACON	K4PDQ	146.805	-	T77.0	☺
MACON	WA4DDI	147.060	+	T	☺
#MACON	KF4XH	147.165	+	UNCOR	
MADISON	WB4DKY	146.865	-	T179.9	☺
MADRAS	N4OME	147.165	+	T131.8	☺
MARIETTA	W4LMA	145.490	-	88.5	☺
MARIETTA	N4NEQ	146.775	-	T151.4	
MARIETTA/ATLANTA	W4BTI	146.880	-	T100.0	☺
MCINTYRE	KF4CXL	145.150	-	T77.0	☺
MILLEDGEVILLE	WB4DOJ	146.700	-	T67.0	
MILLEDGEVILLE	KE4UWJ	147.135	+	T123.0	
MONROE	KF4GHF	147.270	+	T162.2	
MONTEZUMA	K4FAR	146.640	-	PROP	
MORGANTON	N4NEQ	147.165	+	T151.4	
MOULTRIE	WD4KOW	146.790	-		☺
NASHVILLE	KB4JF	145.310	-	T141.3	
NEWNAN	K4SEX	145.130	-	156.7	
NEWNAN	K4SEX	146.790	-		
OCILLA	N4OME	145.350	-		☺
PEMBROKE	KF4DG	147.105	+		
PEMBROKE	W4CJB	147.390	+		
PERRY	WR4MG	145.290	-	T107.2	
PERRY	WR4MG	146.955	-	107.2	
PINE MT/HAMILTON	WB4ULJ	145.190	-	PROP	
QUITMAN	WA4NKL	146.880	-		
RICEBORO	KG4OGC	145.470	-		
RINGGOLD	W4ABZ	146.715	-	T67.0	
ROME	WB4YSV	147.300	+		
ROME/MT. ALTO	W4VO	146.940	-	88.5	
ROSWELL	N4CLA	147.060	+		☺
SAND HILL/VILLA	KB4TIW	147.180	+	PROP	
SANDERSVILLE	KT4X	145.270	-	T77.0	
SAVANNAH	K4NLX	146.700	-	T100	☺
SAVANNAH	K4SDJ	146.850	-		☺
SAVANNAH	W4HBB	146.880	-		☺
SAVANNAH	W4HBB	146.970	-		☺
SAVANNAH	WA4IDS	147.150	+		
SAVANNAH	K4NLX	147.210	+		☺
SAVANNAH	K4NLX	147.330	+	T100.0	☺
SNELLVILLE	KR4NQ	147.255	+	T107.2	☺
SPRINGFIELD	AF4VH	146.745	-	PROP	
ST SIMONS ISLAND	N4XGI	145.330	-	T131.8	☺
STOCKBRIDGE	WA4JDR	145.310	-		☺
STONE MT	W4BOC	146.760	-	T107.2	☺
SUMMERVILLE	W4RLP	147.225	+	100.0	☺
SWAINSBORO	K4VYX	146.790	-		
SWEAT MT/MARIETT	N4CLA	145.470	-		☺
THOMASTON	W4OHH	147.390	+	131.8	☺
THOMASVILLE	W4UCJ	147.060	+		
THOMSON	KC4GSS	146.835	-		
TOCCOA	N4MTN	147.330	+		☺
UNADILLA	WR4MG	146.760	-	T107.2	
VALDOSTA	WR4SG	145.130	-	T141.3	☺
VALDOSTA	KF4BJM	146.760	-	141.3	
VALDOSTA	KC4VLJ	147.075	+	223.0	
VIDALIA	K4HAO	146.625	-	88.5	☺
WALESKA/PNLG MT	K4AIS	145.270	-	T100.0	☺
WALESKA/PNLG MTN	K4AIS	147.015	-	T100.0	☺
WARM SPRINGS	KN4FE	146.985	-		
WARNER ROBINS	WA4ORT	146.850	-		☺
WARNER ROBINS	WB4BDP	147.180	+	107.2	☺
WARNER ROBINS	WR4MG	147.300	+	107.2	
WATKINSVILLE	KD4AOZ	147.045	+	T123.0	☺
WAYCROSS	AE4PO	145.270	-		
WAYCROSS	AE4PO	146.640	-	T141.3	☺
WAYCROSS	AE4PO	147.255	+	T141.3	☺
WAYNESBORO	K4BR	145.230	-		
WRENS	KB4NA	146.775	-		
WRIGHTSVILLE	WA4RVB	146.940	-		☺
YOUNG HARRIS	K2YRW	147.090	+	100.0	☺

220 MHZ

ACWORTH/ATL	N4MTA	224.320	-	T123.0	☺
ACWORTH/ATL	N4MTA	224.500	-	T123.0	☺
ALPHARETTA	NX9O	224.580	-	100.0	
ALPHARETTA	KC4JNN	224.860	-	T100.0	
ATLANTA	W4DOC	224.340	-	T146.2	☺
#ATLANTA-NE	KC4OVY	224.200	-	UNCOR	
ATLANTA/BELL	W4PME	224.620	-	100.0	☺
ATLANTA/MARIETTA	N4NFP	224.120	-	T151.4	
ATLANTA/MARIETTA	N4NEQ	224.440	-	T151.4	
ATLANTA/MARIETTA	K4RFL	224.960	-	T100.0	☺
AUGUSTA	WB4KXO	224.940	-		
BISKEY MTN	KC4JNN	224.160	-	T100.0	
CEDARTOWN	KC4KLW	224.780	-	T179.9	
CLAYTON	W4UWH	224.720	-	PROP	
CONLEY	N4MNA	224.280	-		
#CONYERS	WB4JEH	224.020	-	UNCOR	
DAHLONEGA	N4RBT	224.380	-	T100.0	☺
DALLAS	N4YDX	224.180	-		
DALLAS	N4YEA	224.540	-		☺
DALLAS	W4TIY	224.700	-		☺
DALTON	N4BZJ	224.360	-	PROP	
DALTON	N4BZJ	224.460	-	T118.8	
DALTON	N4BZJ	224.680	-		
DALTON	N4KVC	224.740	-	T	
DECATUR	W4BOC	224.760	-		☺
EATONTON	K4SWS	224.100	-	PROP	
FT MT/CHATSWTH	N4YYD	224.240	-	T71.9	
GAINESVILLE	W4TL	224.840	-	T203.5	
HAWKINSVILLE	WR4MG	224.820	-	PROP	
JASPER	KC4AQS	224.400	-	T100.0	☺
JASPER	W4UWH	224.600	-	100.0	
JASPER	W4RRG	224.980	-	PROP	☺
LOOKOUT MT	W4RRG	224.560	-	T	☺
MARIETTA	KE4QFG	224.260	-	T110.9	
MARIETTA	W4LMA	224.900	-		☺
PINE LOG MTN	K4AIS	224.520	-		☺
PINE MTN	WB4ULJ	224.660	-	PROP	
RAY CITY	WR4SG	224.220	-	141.3	☺
SNELLVILLE	W4CSX	224.920	-	T100.0	
VALDOSTA	WR4SG	224.460	-	T141.3	☺
VILLA RICA	KB4TIW	224.300	-	T131.8	☺
WALESKA	KD4ALC	224.140	-		
WALESKA/PNLG	K4AIS	224.940	-		☺
WARNER ROBINS	WR4MG	224.840	-		
WATKINSVILLE	KD4AOZ	224.420	-	T123.0	☺
YORKVILLE	WD4LUQ	224.880	-	T77.0	☺
YOUNG HARRIS	NP2Y	224.660	-	PROP	

440 MHZ

ACWORTH	KC4YNF	441.800	+	T77.0	☺
ALBANY	W4MM	444.500	+		☺
ALPHARETTA	WB6RTH	442.000	+	107.2	
ATHENS	AA4AI	442.950	+	T179.9	☺
ATHENS	WW4GA	443.300	+	T	☺
ATHENS/CRAWFORD	KC4GZX	444.300	+	T127.3	
ATL/MARIETTA	N4NFP	442.800	+	T	
ATL/UNION CITY	W4ZT	442.125	+	T100.0	☺
ATLANTA	W4CML	442.025	+	T127.3	
ATLANTA	WB5EGI	442.225	+	PROP	☺
ATLANTA	N4XQM	442.525	+	T110.9	☺
ATLANTA	KE4PVE	442.675	+	T100.0	
ATLANTA	WA4YNZ	442.975	+	T	
ATLANTA	W4CML	443.025	+	T127.3	
ATLANTA	KA5WZY	443.600	+	T146.7	
ATLANTA	W4CML	443.650	+	PROP	
ATLANTA	KD4LXT	443.875	+		
ATLANTA	W4DOC	444.450	+	T146.2	☺
ATLANTA	KD4GPI	444.500	+	T110.9	
ATLANTA	W4DOC	444.825	+	T146.2	☺
ATLANTA	WA4NNO	444.925	+		
ATLANTA	WA4YNZ	444.975	+	T	
ATLANTA/BELL	W4ZTL	421.250	+		☺
ATLANTA/BELL	W4PME	444.150	+	T100.0	☺
ATLANTA/GLENRI	WR4CW	444.100	+	PROP	
ATLANTA/MARIETTA	K4RFL	442.875	+	T100.0	☺
ATLANTA/MARIETTA	N4NFP	443.800	+	T151.4	
ATLANTA/MARIETTA	N4NEQ	444.050	+	T151.4	
ATLANTA/MARIETTA	N4NEQ	444.775	+	151.4	
AUGUSTA	KD4BOO	444.900	+		☺
BAINBRIDGE	W4DXX	443.000	+	100.0	☺
BALDWIN	WD4NHW	442.350	+		☺
BARNESVILLE	N4GWO	443.675	+		
BISKEY MTN	KC4JNN	443.250	+	T100.0	
BLAIRSVILLE	KF4SKT	442.200	+		
BLAIRSVILLE	W6IZT	444.600	+	T100.0	
BLUERIDGE	KD4GRU	442.125	+	146.2	
BOGART	W4EEE	442.875	+	T	☺
BONAIRE	K4EDN	444.625	+	T82.5	
BRUNSWICK	KD4CPO	443.425	+		
BRUNSWICK	K4TVE	444.975	+		
BUCHANAN	N4CHC	444.275	+	PROP	
BYRON	KF4XH	443.150	+		
BYRON	WB4SBT	444.700	+	T103.5	☺
CALHOUN	K4WOC	443.675	+	T100.0	☺
CANTON	WA4EOC	443.075	+	T107.2	
CARROLLTON	W4FWD	444.075	+	T131.8	
CARTERSVILLE	K4AIS	443.175	+	T100.0	☺
CEDARTOWN	KD4NTF	443.575	+	T107.2	
CHATSWORTH	W4DRC	443.000	+		
CLAYTON	W1CP	442.825	+	T162.2	
CLERMONT	W4TL	444.950	+	T131.8	
CLEVELAND	K4VJM	442.625	+	T100.0	
COBB COUNTY	WC4RAV	443.450	+	T103.7	
COCHRAN	W4MAZ	442.875	+	T77.0	
COCHRAN	N4MXC	444.775	+	PROP	
COCHRAN	W4MAZ	444.975	+	77.0	
COLLEGE PARK	KG4PTO	442.350	+	OT	☺
COLUMBUS	WB4ULK	441.975	+	PROP	
COMMERCE	NE4GA	441.975	+	T123.0	☺
CONCORD	WB4GWA	443.400	+	110.9	☺
CONYERS	WB4JEH	442.550	+	T151.4	
CONYERS	KB2DZA	443.725	+	T77.0	
CONYERS	WB4JEH	444.550	+	T151.4	
CONYERS	KC4ELV	444.750	+	T162.2	
CORNELIA	K4JLG	444.275	+	T100.0	
COVINGTON	K4GO	443.750	+	T146.2	
COVINGTON	KE4PVE	444.175	+	T100.0	
COVINGTON	WA4ASI	444.800	+	T88.5	
CUMMING	WB4GQX	441.900	+	T141.3	☺
CUMMING	WA4BPY	442.575	+	T79.9	☺
CUMMING	N1IB	443.400	+	PROP	
CUMMING	W4CBA	444.625	+	T123.0	
DACULA	KK4IN	443.550	+		
DAHLONEGA	N4KHQ	443.100	+	100	☺
DAHLONEGA	N4BBQ	444.900	+	T100.0	☺
DALLAS	W4CSX	441.925	+	T162.2	
DALLAS	WB4QOJ	443.475	+	PROP	
DALLAS	W4TIY	443.700	+		☺
DALLAS	WD4LUQ	444.700	+	T77.0	☺
DALLAS	AG4PR	444.725	+	T123.0	☺
DALTON	KC4YVV	441.850	+	PROP	
DALTON	W4LAW	441.875	+	PROP	
DALTON	N4BZJ	442.175	+	T118.8	
DALTON	N4BZJ	444.500	+	T118.8	
DALTON	N4BZJ	444.850	+		
DANIELSVILLE	KE4FHN	442.650	+	T	
DECATUR	N3APR	442.200	+		
DECATUR	KA4UFM	443.950	+	T110.9	
DECATUR	W4BOC	444.250	+		☺
DEVEREUX	KC4YAP	444.575	+	PROP	
DOUGLAS	KE4ZRT	443.000	+	T141.3	☺
DOUGLASVILLE	W4SCR	444.575	+	T88.5	☺
DUBLIN	KD4FOC	442.600	+	T77.0	
DULUTH	W2SJB	442.400	+	PROP	
EATONTON	WJ4SR	442.075	+	PROP	
EATONTON	K4SWS	442.425	+	PROP	
ELLIJAY	KC4ZGN	442.700	+	T77.0	☺
EMERSON	AE4JO	443.425	+	T103.5	
FAYETTEVILLE	W4PSZ	444.600	+	T77.0	
FLOWERY BRANCH	K4RHJ	443.900	+	T131.8	
FT. MT/CHATSWTH	N4YYD	443.350	+	T71.9	
GAINESVILLE	W4CBA	444.350	+	PROP	
GRAY	K4MDS	443.625	+		☺
GRAY	K4DDH	444.275	+	T141.3	☺
GREENSBORO	N4YXL	444.850	+	PROP	
GRIFFIN	KF4QLF	441.850	+		
GRIFFIN	KE4WLP	443.550	+		☺
HAPEVILLE	KC4ENL	442.825	+	T167.9	
HELEN	K4PE	444.425	+	T127.3	☺
HIAWASSEE	KC4CBQ	444.675	+	186.2	
HIGH PT/LOOKT MT	KB4VAK	443.450	+	T77.0	
HINESVILLE	KG4OGC	444.850	+	PROP	
HOGANSVILLE	KC4YNY	444.300	+	PROP	
IRWINTON	WB4NFG	444.925	+	T77.0	
JASPER	N3DAB	442.750	+	T141.3	☺
JASPER	KC4AQS	443.375	+	T100.0	☺
JASPER	KB4MDE	443.425	+		
JASPER	KF4OYP	443.625	+	T100.0	
JASPER	KB4IZF	444.375	+	T103.5	☺
JESUP	N4ZON	441.675	+	PROP	
JESUP	N4PJR	444.925	+	T141.3	
JONESBORO	WA4DIW	443.225	+		
KINGSLAND	KC5BMJ	444.625	+	T118.8	
KINGSTON	AF4PX	444.125	+	T	
KNOXVILLE	N4PQR	443.525	+	PROP	
LAKEMONT	N4ZRF	444.750	+	T	
LAVONIA	K4NVG	442.475	+	T203.5	☺
LAWRENCEVILLE	WB4HJG	442.850	+	T82.5	☺
LAWRENCEVILLE	KF4RLZ	442.900	+	T123.0	
LAWRENCEVILLE	WB4QDX	444.000	+	T127.3	
LAWRENCEVILLE	W4CML	444.025	+	T127.3	
LAWRENCEVILLE	KF4HQV	444.200	+	100.0	
LINDALE	KA4ZTY	443.300	+	T127.3	☺
LITHIA SPRINGS	WB4RL	442.925	+	PROP	
LOOKOUT MT	W4RRG	442.650	+	T100.0	☺
LULA	WB4HJG	444.400	+	T71.9	☺
MABLETON	W4JLG	442.325	+	T	☺
MACON	AF4UL	442.000	+	PROP	
MACON	K4DDH	442.275	+	T100.0	☺
MACON	W4MAZ	442.700	+	PROP	
MACON	WX4EMA	443.075	+	T156.7	
MADRAS	K4HAC	442.250	+	T141.3	☺
MARIETTA	N1KDO	442.050	+	T107.2	☺
MARIETTA	KE4QFG	442.375	+	T	
MARIETTA	WK4E	442.425	+	PROP	☺
MARIETTA	WA4OKJ	442.600	+	T100.0	
MARIETTA	WB4BQX	443.500	+		☺
#MARIETTA	KF4BMG	443.750	+	UNCOR	
MARIETTA	KF4BMG	444.325	+	T79.7	
MARIETTA/ATL	KE4QFG	442.725	+	T	
MARLOW	W1MED	442.475	+	T114.8	
MCDONOUGH	KE4UAS	444.875	+	T100.0	☺
MCINTYRE	KF4CXL	444.650	+	T77.0	☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

GEORGIA REPEATERS CONTINUE

MONROE	KQ4XL	443.925	+	T123.0	
MOULTRIE	W1BPP	444.625	+	T123.0	
NEWNAN	K4NRC	441.875	+	T156.7	
NORCROSS	K4HUM	442.100	+	T100.0	☺
PEACHTREE CITY	W4PSZ	442.500	+	T77.0	
PERRY	WR4MG	444.950	+		
PINE LOG MT	KD4APP	443.200	+	T103.5	
PINE MTN	WB4ULJ	444.400	+		
QUITMAN	WA4NKL	444.600	+	T127.3	
REX	KB4NPO	443.975	+	PROP	
RINGGOLD	KW4KW	442.300	+	PROP	
RINGGOLD	W4BAB	443.925	+		
ROCKMART	KC4KLW	443.275	+	T179.9	
ROME	KA4MLK	441.825	+	T100.0	☺
ROME	KC4KLW	443.525	+	T179.9	
ROSSVILLE	W4RRG	442.475	+	T100.0	☺
ROSWELL	W8BLA	442.075	+	T	
ROSWELL/BELL	W4PME	443.150	+	100.0	☺
SANDY SPRINGS	KE4OKD	441.950	+	T156.7	
SAVANNAH	K4NLX	421.250	+		
SAVANNAH	WA4VHP	427.250	+	T	
SAVANNAH	K4NLX	442.700	+		
#SAVANNAH	WD4AFY	444.000	+	UNCOR	
SMYRNA	N4IBW	444.650	+		
SNELLVILLE	W4CML	442.450	+	T	
SNELLVILLE	N1IP	443.050	+	T	
SNELLVILLE	W4GR	444.525	+	82.5	
ST SIMONS ISLAND	N4XGI	442.950	+	T131.8	☺
STATHAM	WW4T	442.300	+	T	
STOCKBRIDGE	KG4PUW	443.125	+	PROP	
STOCKBRIDGE	N4JMD	443.325	+	T	
STONE MTN	KD4HPD	443.825	+	T123.0	☺
SUGAR HILL	KD4GPI	442.150	+	PROP	
SUGAR HILL	N4YF	443.775	+	T82.5	☺
SUMMERVILLE	W4LAW	444.425	+	PROP	
SWEAT MT/MARIETT	N4CLA	444.475	+		☺
SYLVANIA	AF4MI	441.800	+	T	
TIFTON	KE4RJI	444.875	+	T	☺
TYRONE/PTC	KN4YZ	444.675	+	T77.0	☺
VALDOSTA	WR4SG	444.350	+	T141.3	☺
VALDOSTA	KF4BJM	444.700	+	T141.3	
VIDALIA	KE4PMP	442.500	+	T88.5	
VILLA RICA	KB4TIW	442.775	+	T131.8	☺
#WALESKA	KD4DXR	441.350	+	UNCOR	
#WALESKA	K4PLM	443.850	+	UNCOR	
WARM SPRINGS	N4UER	442.400	+		
WARNER ROBINS	WR4MG	442.900	+		
WATKINSVILLE	KD4AOZ	444.725	+	T123.0	☺
WAYCROSS	AE4PO	444.025	+	T141.3	☺
WOODSTOCK	KE4SJO	444.225	+		
WRIGHTSVILLE	WA4RVB	443.025	+	T156.7	☺

900 MHZ

DAHLONEGA	N8EKA	927.525	-	T100.0	☺
HOSCHTON	W4BIW	927.537	-	PROP	
#SAVANNAH	WA4VHP	923.000	-	UNCOR	
SUGAR HILL	KD4GPI	927.550	-	PROP	
VALDOSTA	WR4SG	927.4875	-	T141.3	☺

1270 MHZ

ATLANTA/BELL	KB4KIN	1292.000	-		☺
ATLANTA/MARIETTA	N4NEQ	427.250	+		
DALTON ATV	N4BZJ	421.250	+		

KENTUCKY

10 METERS

BUCKHORN LAKE	K4XYZ	29.620	-	103.5	☺
INGLE	KA4UHL	29.680	-	T146.2	☺
LOUISVILLE	KK4CZ	29.640	-		

6 METERS

ASHLAND	KC4QK	53.010	-	T107.2	
BUCKHORN LAKE	K4XYZ	53.730	-	100.0	☺
DORTON	WR4AMS	53.350	-	PROP	
HAZARD	K4TDO	53.850	-		☺
HIGHLAND HEIGHTS	AD4CC	53.330	-	123.0	
HIGHLAND HEIGHTS	W4YWH	53.750	-	123.0	☺
LAGRANGE	WB4WSB	53.950	-	PROP	
LAWRENCEBURG	N4EQT	53.130	-	T107.2	☺
LEXINGTON	KE4LGL	53.570	-		
LONDON	KE4ZJT	53.910	-	T100.0	☺
LOUISVILLE	KF4UAQ	53.290	-		
LOUISVILLE	N7BBW	53.430	-	T151.4	☺
LOUISVILLE	WB4LBR	52.025	+		
NANCY	KA4UHL	53.270	-	T100.0	☺
NICHOLASVILLE	N4ALG	53.090	-	103.5	
#STANTON	WD4KNE	53.810	-	UNCOR	
WALTON	KE4SHA	53.850	-	T118.8	☺
WAYNESBURG	KE4RKF	53.390	-	T100.0	☺
WILLIAMSBURG	KB4PTJ	53.070	-	T100.0	

PLEASE NOTE

The Repeater Journal lists subtones used on repeaters ONLY if they are requested to be listed by the sponsor or owner. The listing of a subtone on any repeater does not in any way indicate it being a "Closed" repeater. Generally in most cases, the tones are used to eliminate noise problems and are listed at the owners request for users convenience.

2 METERS

ALLEN	K4ICN	147.300	+	T123.0	☺
#ARTEMUS	N4INT	147.390	+	UNCOR	
ASHLAND	KG4DVE	146.940	-		☺
ASHLAND	KC4QK	147.240	+	T107.2	
ASHLAND	WA8KWH	147.330	+		
AUBURN	W6ZP	145.450	-	T103.5	
BARBOURVILLE	KF4CME	147.135	+	100.0	
BARDSTWN/NELSN	WB4GGH	145.470	-	151.4	
BENTON	KC4KAN	145.390	-	T118.8	
BEREA	KF4OFT	146.715	-	100.0	
BLACK MTN	KN4M	147.210	+	T103.5	☺
BOWLING GREEN	KY4BG	147.060	+	156.7	☺
BOWLING GREEN	W4WSM	147.165	+		☺
BOWLING GREEN	KA4CFW	147.330	+		☺
BOWLING GREEN-SO	W4WSM	146.655	-		☺
BROOKS	KY4KY	146.700	-	T151.4	☺
BUCKHORN LAKE	K4XYZ	147.375	+	T103.5	☺
CADIZ	KT4SH	147.195	+	103.5	
CANE VALLEY	WA4UXJ	146.640	-		
CORBIN	WD4KWV	146.610	-		☺
COVINGTON	WR8CRA	147.390	+	T123.0	☺
CRESTWOOD	KY4OC	147.390	+	T151.4	☺
DANVILLE	WD4DZC	146.655	-		
DAVID	KC4KZT	145.310	-	T	
#DIXON	N4IOX	147.255	+	UNCOR	
DORTON	KC4KZT	146.895	+	T141.3	
DRAKESBORO	KF4DKJ	146.820	-	T	
EDGEWOOD	K4CO	147.255	+	T123.0	☺
ELIZABETHTOWN	W4BEJ	146.980	-		
ELKTON	AC4RS	145.430	-	T77.0	☺
FLEMINGSBURG	KF4BRO	146.955	-	T107.2	☺
FRANKFORT	N4EQT	147.105	+	T107.2	☺
FRANKFORT	KC4AI	147.240	+	T100.0	
FRANKLIN	KE4SZK	147.135	+	136.5	
GEORGETOWN	KF4NTQ	146.685	-	107.2	
GLASGOW	KY4X	146.940	-		
GRAYSON/FOXFIRE	KD4DZE	146.700	-	107.2	☺
GREENVILLE	WA4TTC	146.745	-		
GRETHEL	KJ4VF	147.045	+	T100.0	
GUTHRIE	KA4NNE	146.805	-	100.0	
HALLS GAP	W8PRH	145.170	-		☺
HALLS GAP	AG4TY	146.790	-	79.9	
HAMLIN	W4GZ	147.240	+	T91.5	☺
HARLAN	W4ZAC	147.105	+		☺
HAWESVILLE	KY4HC	146.715	-	T136.5	☺
HAZARD	KY4MT	146.670	-		☺
HAZARD	W8PRH	146.805	-		☺
HENDERSON	W4KVK	145.490	-		
#HENDERSON	K4DPP	146.970	-	UNCOR	☺
HIGHLAND HEIGHTS	W4YWH	146.790	-	123.0	☺
HIGHLAND HEIGHTS	K4CO	146.895	-	T123.0	
HIGHLAND HTS.	K4CO	147.255	+	T123.0	☺
#HODGENVILLE	W4LJM	147.315	+	UNCOR	
HOPKINSVILLE	KF4FO	146.710	-		
HOPKINSVILLE	KD4ULE	147.030	+	T103.5	☺
HUEYSVILLE	K4NLT	145.470	-	T79.7	
HYDEN	KF4TLT	147.240	+	186.2	☺
IRVINE	W4CMR	146.820	-	192.8	☺
IRVINE	AD4RT	147.015	+		
JACKSON	WA4MXO	145.410	-		☺
#JONATHAN CREEK	N4SEI	146.985	-	UNCOR	
LAWRENCEBURG	N4EQT	145.390	-	T107.2	☺
LEBANON	WD4JZH	147.345	+	T151.4	
LEBANON JCT.	KD4YGK	147.150	+	79.7	☺
LEESBURG	KC4UPE	145.110	-	T192.8	
LEXINGTN/GRGTWN	W8PRH	145.210	-		☺
LEXINGTON	AD4YJ	145.250	-	110.9	
LEXINGTON	WB4CWF	145.490	-		
LEXINGTON	AC4AO	146.730	-		
LEXINGTON	K4KJQ	146.760	-		☺
LEXINGTON	WA4HBM	147.165	+		☺
LEXINGTON	KJ4VF	147.195	+		
LITCHFIELD	KY4SP	147.225	+	179.9	
LONDON	KE4ZJT	147.180	+	T151.4	☺
LONDON	KC4ZFH	147.285	+	T	
LOUISA	N8QCW	147.390	+	127.3	☺
LOUISVILLE	KG4CCW	145.150	-	141.3	
LOUISVILLE	W8PRH	145.230	-		☺
LOUISVILLE	AC2DC	145.290	-	T151.4	
LOUISVILLE	KK4CZ	145.410	-	151.4	
LOUISVILLE	W4PF	146.880	-		
LOUISVILLE	W4PJZ	147.030	+	151.4	☺
#LOUISVILLE	N4MRM	147.070	+	UNCOR	☺
#LOUISVILLE	KA4KMT	147.120	+	UNCOR	
LOUISVILLE	W4CN	147.180	+	88.5	
LOUISVILLE	WB4EJK	147.270	+	151.4	
LOUISVILLE	KQ9Z	147.360	+		
LOUISVILLE AREA	N4UL	145.130	-	T151.4	
LYNN GROVE	KA4BLZ	146.895	-	T210.7	
MADISONVILLE	KC4FRA	146.610	-		
MAGNOLIA	WA4FOB	146.670	-	T77.0	☺
MANCHESTER	KG4LKY	146.925	-	PROP	
MARION	KA4FGA	147.285	+		
MAYSVILLE	KF4BRO	145.470	-	T107.2	☺
MIDDLESBORO	KA4WZX	146.775	-		
MILLARD	KD4RTR	146.745	-	T141.3	
#MONTECELLO	WB9SHH	146.395	+	UNCOR	
MONTICELLO	KY4JW	145.150	-	100.0	☺
MOREHEAD	KJ4VF	145.130	-	T100.0	
MOREHEAD	K4GFY	146.910	-	T123.0	
MT. STERLING	KI4CAZ	147.330	+	103.5	☺
MURRAY	K4MSU	146.940	-	T91.5	☺
#NEBO	AA4NI	146.730	-	UNCOR	
OWENSBORO	N4WJS	146.685	-	110.9	☺
OWENSBORO	AD4MU	146.865	-		
OWENSBORO	K4HY	147.210	+	110.9	
OWINGSVILLE	N4TLP	147.075	+		
PADUCAH	K4CUW	146.655	-	T	
PADUCAH	K4CUW	146.760	-		
PADUCAH	W4NJA	147.060	+	103.5	
PADUCAH	KD4DVI	147.120	+	T179.9	
PAINTSVILLE	N4KJU	145.270	-	T127.3	☺
PARIS	KE4OOS	147.045	+	PROP	
PAYNEVILLE	K4ULW	146.625	-	T151.4	
PHELPS	N4MWA	147.090	+		☺
PIKEVILLE	AD4BI	145.150	-	107.2	
PIKEVILLE	KM4IV	146.850	-		
PRESTONSBURG	WB4UBY	147.165	+		☺
PRINCETON	W4KBL	145.230	-	103.5	
PRINCETON	W4KBL	146.670	-		
RADCLIFF	AI4HB	145.350	-	173.8	
RADCLIFF	W4BEJ	146.925	-		
RICHMOND	KE4YVD	145.370	-	T192.8	☺
RICHMOND	KG4AEU	146.865	-	192.8	
ROCKPORT	KD4BOH	145.270	-	77.0	
SALEM	KC4VXR	147.315	+		
SALVISA	KF4AWA	146.835	-	T192.8	☺
SALYERSVILLE	KB4SQI	145.190	-	T127.3	☺
SANDY HOOK	KF4WMM	147.135	+	T107.2	☺
SHELBYVILLE	KE4LR	147.000	+		☺
SO. PORTSMOUTH	KC8FKP	145.390	-	136.5	
SOMERSET	KA4UHL	146.880	-	77.0	☺
SPRINGFIELD	WA4SJH	147.300	+		
ST. CHARLES	KE4AIE	147.270	+		
STANTON	N4VOS	145.290	-		
STANTON	W8PRH	146.970	-		☺
TOMPKINSVILLE	KJ4OG	146.775	-	151.4	☺
VANCEBURG	AE4SK	146.775	-		☺
VERSAILLES	KF4INN	145.330	-		
WADDY	KS4TO	146.910	-	T107.2	
WEST LIBERTY	KG4GQC	145.230	-	107.2	
WILLIAMSBURG	KG4M	147.000	+		
WINCHESTER	KF4CBT	145.430	-	PROP	
WINCHESTER	WB4ASZ	147.120	+		
WINCHESTER	KJ4VF	147.195	+	PROP	

220 MHZ

ASHLAND	KC4QK	223.940	-		
BUCKHORN LAKE	K4XYZ	224.460	-	PROP	☺
DORTON	WR4AMS	224.520	-		
GARRETT	K4NLT	224.260	-	PROP	
HAZARD	WR4AMS	224.820	-		
HOPKINSVILLE	WD9HIK	224.780	-	PROP	
IRVINE	AD4RT	224.940	-		
LANCASTER	KD4RXF	224.560	-		
LEXINGTON	AC4AO	224.420	-		
LONDON	WR4AMS	224.980	-		
LOUISVILLE	KA4MKT	224.300	-		
LYNCH	K4TDO	224.320	-		☺
META	WR4AMS	224.380	-	PROP	
MIDDLESBORO	WM4MD	224.120	-	T82.5	
MOREHEAD	KJ4VF	224.760	-	PROP	
NANCY	KA4UHL	224.100	-	T100.0	☺
PIKEVILLE	WB4F	224.580	-		
PIKEVILLE	KD4DAR	224.620	-		☺
PRESTONSBURG	WR4AMS	224.720	-		
SOMERSET	N4AI	224.300	-		☺
SOMERSET	N4AI	224.880	-		☺
STANVILLE	KJ4VF	224.680	-	T100.0	
VERSAILLES	AD4CR	224.220	-		
WHITESBURG	WR4AMS	224.960	-	PROP	

440 MHZ

ALLEN	N4IWZ	444.775	+	T123.0	☺
#ASHLAND	KC8ERN	444.750	+	UNCOR	
ASHLAND	KC4QK	444.975	+	T107.2	
BARDSTOWN	KT4GB	443.000	+		
BEATTYVILLE	KC4UPE	444.825	+	T192.8	
BEAVERLICK	KC4COV	443.475	+	T131.8	
BOWLING GREEN	W4HTB	426.250	+		☺
BOWLING GREEN	W4WSM	444.100	+		☺
BOWLING GREEN	WB4JM	444.700	+	T136.5	☺
BROOKS	KY4KY	443.700	+	151.4	☺
BRUSHY FORK	KF4WMM	444.600	+	88.5	☺
BUCKHORN LAKE	K4XYZ	443.400	+	103.5	☺

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

KENTUCKY REPEATERS CONTINUE

BURLINGTON	KD4EVB	443.525	+	T131.8	☺
CANE VALLEY	W4LJM	443.950	+	T	
CORBIN	KF4IFC	444.275	+	79.7	☺
CORBIN	WB4IVB	444.900	+	T100.0	
COVINGTON	KC4COV	444.175	+	T131.8	
COX'S CREEK	AE4NU	443.450	+	T151.4	
DAVID	KC4KZT	443.900	+	T167.9	
DAWSON SPRINGS	KU4MJ	444.275	+		
DORTON	KD4RTR	442.150	+	167.9	
DORTON	KJ4VF	443.250	+		
DRY RIDGE - WEST	KD4EVB	444.425	+	T107.2	☺
EARLINGTON	KG4WCQ	443.950	+	PROP	
EDGEWOOD	K4CO	444.350	+	T123.0	☺
ELIZABETHTOWN	W4BEJ	421.250	+		
ELIZABETHTOWN	W4BEJ	444.800	+		
ELKHORN CITY	KD4RTR	444.300	+	167.9	
FALMOUTH	KD4EVB	443.825	+	T107.2	☺
FLATWOODS	KZ4G	443.450	+	PROP	
FLORENCE	KC4COV	443.175	+	T131.8	
FORT WRIGHT	KY4JD	441.850	+	T	☺
FORT WRIGHT	KY4JD	442.525	+	T123.0	☺
FOSTER	KU4ML	443.125	+		
FRANKFORT	K4NGQ	442.175	+	T67.0	
FRANKFORT	WA4CMO	443.325	+		
FRANKLIN	KD4TAH	443.225	+		
GARRETT	KF4JJD	442.400	+	79.7	
GEORGETOWN	KF4NTQ	443.625	+		
GLASGOW	KY4X	444.925	+		
GLASGOW/CVCTY	KF4DC	444.250	+		
GRAEFENBURG	N4HZX	443.550	+		☺
GRETHEL	KJ4VF	444.525	+		
HARLAN	W4YMT	442.625	+	T100.0	
HAWESVILLE	KB4QFL	444.625	+		
HAZARD	K4TDO	443.975	+		☺
HENDERSON	KY4K	444.725	+	T82.5	
HIGHLAND HEIGHTS	W4YWH	444.900	+	123.0	☺
HOPKINSVILLE	KE4AIF	444.750	+	T103.5	
HORSECAVE	KF4QZN	444.850	+	103.5	☺
HUDSON	KY4SP	444.900	+	179.9	
INDEPENDENCE	KB8SBN	444.075	+	T110.9	
IRVINE	W4CMR	442.900	+		☺
IRVINE	AD4RT	444.000	+		
LATONIA	AA4XV	442.400	+	T	
LEWISPORT	N4WJS	444.550	+	110.9	☺
#LEXINGTON	KY4ATV	923.250	-	UNCOR	☺
LEXINGTON	KE4OOL	443.025	+	T123.0	
LEXINGTON	KB8QLC	444.125	+	88.5	
LEXINGTON	KC4DUU	444.550	+		☺
LEXINGTON	KE4ISR	444.725	+	T	
LEXINGTON	N4DUE	444.950	+		☺
LOUISVILLE	N4ORL	442.000	+		
LOUISVILLE	KB4RYM	442.500	+		
LOUISVILLE	WD4ELX	442.550	+		
LOUISVILLE	KB4YJ	442.725	+	151.4	
LOUISVILLE	WD9EQC	443.500	+		
LOUISVILLE	N4KWT	443.975	+	100.0	
LOUISVILLE	N4UL	444.100	+	173.8	
LOUISVILLE	KG4JNM	444.300	+	156.7	
LOUISVILLE	N4NMC	444.600	+	T151.4	
LOUISVILLE AREA	N4RBL	442.100	+	T	
LOUISVILLE AREA	KD4CLR	442.450	+	T151.4	
LOUISVILLE SW	K4ULW	443.350	+		
MADISONVILLE	KC4FIE	442.425	+		☺
MADISONVILLE	AE4LW	442.575	+	T100.0	
MADISONVILLE	KC4FIE	442.775	+		☺
MADISONVILLE	KC4FIE	444.600	+		☺
MAMMOTH CAVE	KF4QZN	444.475	+	T179.9	☺
MANCHESTER	KD4GMH	444.500	+		☺
MAYSVILLE	KF4BRO	443.500	+	T123.0	☺
META	WB4UBY	443.500	+		☺
MIDDLESBORO	WM4MD	442.325	+	T67.0	
MIDDLESBORO	KD4PBC	443.150	+	PROP	
MIDDLESBORO	WB4IVB	444.150	+	T100.0	
MILLARD	KD4RTR	443.425	+		
MONTICELLO	WB9SHH	444.750	+		
MOREHEAD	K4GFY	442.500	+	T	
MOREHEAD	KJ4VF	443.250	+	PROP	
MORGANTOWN	KF4QZN	444.425	+	T103.5	☺
MT STERLING	KD4ADJ	442.600	+		
MT. STERLING	KD4ADJ	442.050	+	PROP	
MURRAY	K4MSU	443.800	+	T91.5	☺
NANCY	KA4UHL	443.600	+	T100.0	☺
NEBO	AA4NI	444.850	+		
NICHOLASVILLE	KC4UPE	444.775	+	T167.9	
NICHOLASVILLE	WB4CWF	444.975	+		
OLIVE HILL	KO4LI	444.925	+		
OWENSBORO	N4WJS	443.100	+	110.9	☺
OWENSBORO	N4WJS	443.650	+	110.9	☺
PADUCAH	KD4DVI	443.000	+	179.9	
PADUCAH	K9OWU	444.000	+	PROP	
PAINTSVILLE	N4KJU	441.525	+	127.3	☺
PHELPS	N4MVY	444.575	+		☺
PIKEVILLE	KD4RTR	444.200	+		
PIKEVILLE	KD4DAR	444.375	+		☺
PIKEVILLE	AD4BI	444.475	+		☺
PRESTONSBURG	K4AVY	443.825	+	127.3	
RICHMOND	KE4ISW	444.625	+	192.8	☺
RINEYVILLE	KF4RBD	444.225	+	PROP	
ROCKPORT	KD4BOH	442.675	+	77.0	
ROCKPORT	KD4BOH	444.075	+	T77.0	
RUSSELLVILLE	KE4SZK	442.350	+	136.5	
SALEM	KC4VXR	444.825	+	T100.0	
SALVISA	KF4AWA	444.675	+	T203.5	☺
SALVISA	KC4UPE	444.875	+	T167.9	
SALYERSVILLE	KE4NLL	444.050	+	T127.3	☺
SHELBYVILLE	KE4YRE	442.375	+		
SHEPHERDSVILLE	AC4VV	444.400	+	T	☺
SIMPSONVILLE	KO4OT	444.450	+	T100.0	☺
SPRINGFIELD	W4SJH	444.600	+		
STANTON	N4VOS	442.075	+		
UNION	AD4CC	441.800	+	T179.9	
VERSAILLES	KF4INN	443.775	+		
WADDY	KS4TO	443.225	+		
WAYNESBURG	AG4TY	442.975	+		
WHITESBURG	KK4WH	443.750	+	T107.2	
WILLIAMSBURG	KB4PTJ	444.050	+	100.0	
WITHAMSVILLE	KC4COV	444.400	+	T131.8	

900 MHZ

LEXINGTON	KA4MKG	927.725	-	PROP	

MISSISSIPPI

10 METERS

BAY SAINT LOUIS	KB5MPW	29.640	-	T136.5	☺

6 METERS

BAY SAINT LOUIS	KB5MPW	53.650	-	T136.5	☺
ELLISVILLE	N5EKR	53.010	-	T	
JACKSON	W5PFC	53.470	-	PROP	☺
LAUREL	KC5PIA	53.450	-	136.5	
NETTLETON	AB5MU	53.050	-	192.8	☺

2 METERS

#ABBEVILLE	WB5VYH	145.470	-	UNCOR	
ABERDEEN	WB5USN	147.270	+	210.7	☺
ACKERMAN	NO5N	147.120	+		
AMORY	KB5DWX	146.940	-	T192.8	
AMORY	KB5DSN	147.090	+		
BAY ST. LOUIS	KB5MPW	146.700	-	T136.5	☺
BILOXI	KC5IF	146.730	-		☺
BILOXI	K5TYP	146.790	-		
BOONEVILLE	K5YD	145.190	-	110.9	☺
BOONEVILLE	KI5WI	147.150	+		
BUDE	KD5QNC	146.850	-	T103.5	☺
BYHALIA	N4DRL	145.350	-	110.9	☺
CHATAWA	WB5GOJ	145.310	-		
CHUNKY	W5PPB	147.390	+	PROP	☺
CHURCH HILL	K5SVC	146.745	-	T100.0	☺
CLEVELAND	KD5YTB	146.775	-	T107.2	
CLEVELAND	N5LRL	147.285	+	T107.2	
COLLINS	N5LRQ	146.985	-	T136.5	
COLUMBIA	N5LJC	147.285	+	PROP	
COLUMBUS	KC5ULN	146.625	-		
COLUMBUS	KC5ULN	147.000	+		
CORINTH	WB5CON	146.925	-	T107.2	☺
CORINTH	K5UFH	147.000	-		
CORINTH	K5WHB	147.285	+		☺
ELLISVILLE	W5NRU	145.230	-	T136.5	☺
ELLISVILLE	N5EKR	146.955	-	T	
ELLISVILLE	W5NRU	146.865	+	T136.5	☺
ELLISVILLE	W5NRU	146.895	+	T136.5	☺
FLORENCE	KD5AXY	145.110	-	T	
#FRENCH CAMP	W5BJT	147.225	+	UNCOR	
FULTON	WX5P	145.450	-		☺
GAUTIER	N5OS	146.970	-	T123.0	☺
GLOSTER	KX5E	145.430	-	T136.5	
GREENVILLE	N5PS	147.345	+	PROP	
GREENWOOD	KA5TQY	146.715	-		
GRENADA	W5LV	146.700	-		☺
GULFPORT	KA5VFU	147.375	+		
HATTIESBURG	W5CJR	145.190	-	T136.5	
HATTIESBURG	K5IJX	145.370	-	136.5	
HATTIESBURG	K5PN	146.775	-	T136.5	
HATTIESBURG	KD5MIS	147.315	+	T136.5	
HATTIESBURG	W5CJR	147.360	+		
HERNANDO	K5VV	146.910	-		
HERNANDO	KD5VMV	147.225	+	PROP	☺
ISOLA	KC5OB	146.955	-		
IUKA	WB5MFK	146.850	-		
JACKSON	KB5KGE	145.390	-		
JACKSON	W5AXQ	146.760	-		
JACKSON	K5QNE	146.880	-	T100.0	
JACKSON	KA5SBK	146.940	-	100.0	☺
JACKSON	W5IQ	147.000	+	T	☺
JACKSON	NC5Y	147.075	+	T	
KILN	K5DMC	145.330	-		
KOSCIUSKO	W5LWC	146.850	-		
LAUREL	W5LAR	146.610	-		
LAUREL	WV5D	147.030	-	T	
LAUREL	KC5RC	147.255	+		
LOUISVILLE	KC5QGC	147.360	+		
LUCEDALE	WA5JZL	146.910	-		
MADISON	K5XU	146.640	-		
MAGEE	KA5LNY	146.820	-	100.0	☺
MAGEE	KA5LNY	147.300	+		☺
MCCOMB	KD5QNC	146.940	-	T	☺
MERIDIAN	KC5ZZH	146.655	-		☺
MERIDIAN	W5FQ	146.700	-		☺
MERIDIAN	KI5FW	146.970	-	100.0	☺
MONTICELLO	N5JHK	147.015	+		
MOOREVILLE	WB5NAY	146.640	-		
MORTON	KB5LCL	147.045	+	T141.3	
NATCHEZ	W5KHB	146.685	-	100.0	
NATCHEZ	K5OCM	146.910	-	91.5	
NATCHEZ	K5SVC	147.360	+	100.0	☺
#NEW ALBANY	KC5VZI	145.230	-	UNCOR	
NEW ALBANY	W5UBG	146.670	-		
#NEW ALBANY	KC5VZI	146.745	-	UNCOR	
NEW HEBRON	N5MRS	147.090	+	T	
OXFORD	W5LAF	147.330	+	T107.2	☺
PEARL/RANKIN CO	KF5IZ	147.150	+	T88.5	
PELAHATCHIE	W5PPB	147.240	+	T77.0	☺
PHILADELPHIA	N5EPP	147.330	+		
PICAYUNE	KE5LT	145.150	-		☺
PONTOTOC	WB5NAY	147.380	+		
POPLARVILLE	N5LRQ	145.410	-	PROP	
POPLARVILLE	WA5WRE	145.430	-	PROP	
PORT GIBSON	KE5WO	146.625	-		
PURVIS	KB5ZCX	146.670	-		
RAYMOND	W5JWX	145.170	-	T77.0	
RICHTON	N5OCF	147.060	+	T	
SENATOBIA	KB5DMT	146.985	-	T107.2	
SHARON	W5PPB	145.450	-	T77.0	☺
SILVER CREEK	W5JVK	147.195	+	T136.5	☺
SOUTHAVEN	N5PYQ	145.370	-	T107.2	
SOUTHAVEN	WA4KOG	145.450	-	T79.9	
STARKVILLE	KD5GVU	146.730	-	210.7	☺
STARKVILLE	KF5C	146.805	-	192.8	
#SUMNER	WB5FXH	147.090	+	UNCOR	
TUPELO	N5VGK	145.490	-		
TUPELO	N5ELS	147.240	+		
UNION	N5SPJ	147.210	+	T100.0	
UTICA	N5ZMZ	145.350	-		
UTICA	KC5TGT	146.730	-	T77.0	☺
UTICA	N5ZMZ	147.345	+		
VANCLEAVE	W5WA	145.110	-	123.0	☺
#VANCLEAVE	KE5TL	147.000	-	UNCOR	
VICKSBURG	KD5CQX	145.290	-		
#VICKSBURG	K5IMT	146.805	-	UNCOR	
VICKSBURG	K5ZRO	147.270	+	T100.0	☺
VOSSBURG	KB5UIX	147.135	+	136.5	
WALLS	N5NBG	145.270	-	T107.2	
WATER VALLEY	N5DXM	147.000	-		
#WAYNESBORO	W5SAR	145.210	-	UNCOR	☺
WAYNESBORO	W5SAR	147.105	+		☺
WEST POINT	KC5LIO	147.180	+		☺
WIGGINS	KB5DZJ	145.270	-	T136.5	☺
WINONA	N5EYM	146.970	-	110.9	

220 MHZ

BYHALIA	N4DRL	224.500	-		☺
VICKSBURG	WB5OWY	224.780	-		
WARSAW	N4DRL	224.880	-		☺

440 MHZ

ABERDEEN	KD5AHI	444.450	+	210.7	☺
AMORY	KB5DSN	444.825	+		
BYHALIA	N4DRL	444.300	+	110.9	☺
CLERMONT HARBR	WD5BJT	444.150	+	T77.0	
CLINTON	W5PFR	444.000	+	T100.0	
ELLISVILLE	AA5SG	442.200	+	PROP	☺
ELLISVILLE	AA5SG	442.250	+	T136.5	☺
GAUTIER	KA5NOJ	426.250	+		☺
GAUTIER	KA5NOJ	911.250	-		☺
GAUTIER	KC5LCW	443.450	+	123.0	☺
GLOSTER	N5ZNS	443.825	+		
GREENVILLE	N5PS	444.675	+	100.0	
GRENADA	AD5IT	444.700	+	T107.2	
HATTIESBURG	N5LRQ	442.725	+	T167.9	
HATTIESBURG	K5PN	443.700	+	T136.5	
HAZLEHURST	N5ZDF	443.950	+	T100.0	
HEIDELBERG	KC5RC	444.300	+	T100.0	
HICKORY FLAT	W4ZCD	444.725	+	T179.9	
INDIANOLA	AB5DU	444.850	+	136.5	
JACKSON	KB5LCL	444.450	+	T141.3	
JACKSON	KB5CO	444.600	+	T100.0	
JACKSON	NC5Y	444.700	+		
JACKSON	KB5CO	444.800	+		
JACKSON, EAST	AA5RZ	443.625	+		
LAUREL	W5NRU	443.650	+	T100.0	☺
MCCOMB	N5HTQ	444.875	+	T100.0	
MERIDIAN	KB5BRZ	444.100	+	131.8	☺
MERIDIAN	W5LRG	444.500	+	107.2	☺
NATCHEZ	N5IAT	443.800	+		
NETTLETON	AB5MU	444.625	+	192.8	☺
NEW ALBANY	WB5YCR	444.150	+		
NEW HEBRON	N5NNI	444.525	+	T	
O'REILLY	N5PS	444.975	+	T100.0	
PEARL	KB5HAV	444.375	+	T88.5	
PETAL	W5CJR	443.350	+	T	
PHILADELPHIA	WB5YGI	444.950	+		
PICAYUNE	KE5LT	443.725	+	T179.9	☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

MISSISSIPPI REPEATERS CONTINUE

PINOLA	KC5LXF	444.850	+		
RICHTON	N5OCF	444.625	+		
RIDGELAND	N5WDG	443.700	+	T77.0	☺
SATARIA	N5PS	444.775	+	PROP	
SOUTHAVEN	NU5O	443.575	+	77.0	☺
SOUTHAVEN	N5PYQ	444.925	+	T107.2	
STARKVILLE	KD5GVU	444.750	+		☺
STENNIS SPC CEN	WB4FUR	444.650	+		
TUPELO	N5VGK	444.950	+	T192.8	
VICKSBURG	WB5TTE	444.925	+		
WALLS	N5NBG	444.650	+		
WAYNESBORO	W5SAR	443.500	+		☺
WAYNESBORO	W5SAR	443.550	+		☺
WEST POINT	N5WXD	443.450	+		☺
WIGGINS	KB5DZJ	443.300	+	167.9	☺

NORTH CAROLINA

10 METERS

HIGH POINT	KE4QOX	29.640	-	T103.5	☺
NEWPORT	K4GRW	29.660	-	PROP	☺
ROCKY MOUNT	N4JEH	29.660	-		
THOMASVILLE	WW4DC	29.680	-	88.5	
WILKESBORO	KC4XE	29.620	-		☺
ZEBULON	WB4IUY	29.620	-		

6 METERS

AIR BELLOWS GAP	WA4PXV	53.750	-		
ASHEVILLE	WD4BQW	53.270	-	100.0	☺
BOONE	WA4NC	53.790	-	PROP	☺
CHAPEL HILL	W4UNC	53.450	-	T107.2	☺
CLINTON	W4TLP	53.330	-		
DURHAM	W4BAD	53.750	-		
EFLAND	WA1YYN	53.410	-	T107.2	
#FAYETTEVILLE	W4EBM	53.810	-	UNCOR	
GASTONIA	K4GNC	53.110	-	100.0	☺
HENDERSONVILLE	W4FOT	53.130	-	T100.0	☺
KVILLE/HIPOINT	KF4QDS	53.590	-	T103.5	
LUMBERTON	KD4BGD	53.110	-		☺
MONROE	W4ZO	53.370	-	T100.0	☺
MT MITCHELL	AB4JJ	53.630	-	T100.0	
MT. AIRY	N4DAJ	53.970	-	T100.0	☺
MT.AIRY/FANCY GP	KD4FWS	53.070	-	T100.0	
PITTSBORO	KD4JFN	53.230	-	T107.2	
RALEIGH	K4ITL	53.030	-		
RALEIGH	W4BAD	53.190	-		
REELSBORO	KF4IXW	53.090	-	T162.2	☺
ROBBINSVILLE	KD4YWB	53.710	-	T167.9	
ROCKY MOUNT	N4JEH	53.050	-		
SAURATOWN MT	N4QLX	53.210	-		
SOPHIA/RANDLEMAN	WR4BEG	53.350	-		
SPRUCE PINE	WA4PXV	53.050	-	T151.4	
TARBORO	K4SER	53.110	-		☺
THOMASVILLE	KE4QOX	53.010	-	T88.5	☺
THOMASVILLE	WW4DC	53.170	-	88.5	
WEST JEFFERSON	AB4JJ	53.310	-	T100.0	
WEST JEFFERSON	AB4JJ	53.390	-	T100.0	
WILLIAMSTON	K4SER	53.310	-		☺
#WILMINGTON	AD4DN	53.430	-	UNCOR	☺
YOUNGSVILLE	KD4MYE	53.370	-	T	

2 METERS

#AHOSKIE	WB4YNF	145.130	-	UNCOR	
AHOSKIE	WA4ZGQ	146.910	-	T131.8	
ALBEMARLE	K4OGB	146.985	-	T100.0	☺
ANDRWS/ROBNSVL	K4AIH	147.045	-	151.4	☺
ANDSN MT/DENVER	K4CCR	145.170	-	88.5	☺
ASHEBORO	K4ITL	145.270	-	T82.5	
ASHEVILLE	WB4PLA	146.835	-		☺
ASHVL/MT PISGAH	WA4BVW	146.760	-		☺
ASHVL/SPIVEY MT	W4MOE	146.910	-	91.5	☺
BAKERSVILLE	NC4TN	145.310	-		
BENSON	KD4BJD	146.970	-		☺
BETHEL	KD4EAD	147.375	+	T151.4	☺
BEULAVILLE	N4VBH	145.230	-		☺
BOONE/RICH MTN	WA4J	147.360	+	T103.5	☺
BREVARD	K4HXZ	147.135	+		☺
BURGAW	K4CTY	146.940	-		☺
BURLINGTON	K4EG	146.670	-		☺
BURNSVILLE	KD4WAR	146.955	-		
BURNSVILLE	KD4WAR	147.375	+		
BUTNER	WA4IZG	146.940	-	T156.7	
BUXTON	K4USB	146.625	-	131.8	
CANTON	W4DJB	146.805	+		
CARTHAGE	NC4ML	147.240	+		☺
CHAPEL HILL	W4UNC	145.230	-	T107.2	☺
CHAPEL HILL	K4ITL	147.135	+	T82.5	
CHARLOTTE	W4BFB	145.230	-		☺
CHARLOTTE	W4BFB	145.290	-		☺
CHARLOTTE	WA4AOS	145.350	-		
CHARLOTTE	W4BFB	146.940	-		☺
CHARLOTTE	W4CQ	147.060	-		
CHARLOTTE	W4CQ	147.270	+		
CHERRY MTN	KG4JIA	147.240	+	94.8	☺
CHINA GROVE	N4XO	145.410	-	136.5	☺
CLAREMONT	WB4SRV	147.225	+	T162.2	
CLAYTON	WB4IUY	147.390	+	T88.5	
CLINTON	W4TLP	146.790	-		
COINJOCK	WN3X	145.290	-	131.8	
COLUMBIA	KB4TOH	146.835	-	T131.8	☺
CONCORD/KANNAP.	K4CEB	146.655	-		☺
DOBSON	AD4T	146.925	-	T100.0	
DUNN	N4CID	146.700	-		☺
DURHAM	WR4AGC	145.450	-		
DURHAM	K4JPE	146.985	-	T156.7	☺
DURHAM	WD4LDB	147.360	+	136.5	☺
EDEN/REIDSVILLE	KI4CGV	147.030	+	PROP	
EDEN/STONEVILLE	WA4QBG	147.390	+		☺
EFLAND	WA1YYN	147.180	+	T156.7	
ELIZABETH CITY	KC4QLP	145.250	-	T131.8	
ELIZABETH CITY	WA4VTX	146.655	-	131.8	☺
ELM CITY	K2IMO	145.150	-	T88.5	
EMERALD ISLE	KI4RK	145.330	-	PROP	☺
FARMVILLE	K4ROK	145.270	-	T131.8	☺
FAYETTEVILLE	WA4FLR	147.330	+		
FAYVLLE/CFARS	K4MN	146.910	-	100	
FOREST CITY	K4OI	146.670	-	T114.8	
FRANKLIN	NT4K	145.490	-		
FRANKLIN	W4GHZ	147.240	+	T151.4	☺
GASTONIA	WD4LCF	145.450	-	T	
GASTONIA/CRWDR	K4GNC	146.805	-		☺
GASTONIA/SPCR MT	N4GAS	147.120	+		
GIBSONVILLE	WB4IKY	145.490	-	T107.2	☺
GOLDSBORO	KI4RK	145.330	-	100.0	☺
GOLDSBORO	K4CYP	146.850	-	T85.4	☺
GRAHAM	K4GWH	147.375	+	T114.8	
GREENSBORO	W4GSO	145.150	-	100.0	☺
GREENSBORO	W4GG	145.250	-	T88.5	☺
GREENSBORO	K4GWH	146.760	-	T156.7	
GREENSBORO	W4BUZ	147.210	+		
GREENVILLE	WD4JPQ	145.350	-	T131.8	
GREENVL/ESTN NC	W4GDF	147.090	+		
GRIFTON	W4NBR	146.685	-	88.5	☺
HATTERAS ISLAND	K4OBX	145.150	-	T131.8	
HAW RIVER	KD4JFN	146.715	-	T107.2	
HENDERSONVILLE	WB4YAO	146.640	-	T91.5	☺
HENDERSONVILLE	WA4KNI	147.105	+		
HENDSVL/BERWLW	WA4KNI	145.270	-		
HENDSVL/PENIC	WA4KNI	147.255	+		
HICKORY	KF4LUC	145.490	-	T146.2	☺
HICKORY/BRT. MT	WA4DSZ	146.850	-		
HIGH PEAK MTN	K4OLC	145.210	-	94.8	☺
HIGH POINT	NC4AR	145.290	-	T88.5	☺
HIGH POINT	W4UA	147.165	+		☺
HILLSBOROUGH	WR4AGC	147.225	+		
HOLDEN BEACH	W4ZU	146.775	-	T100.0	
#HOPE MILLS	W4KMU	146.835	+	UNCOR	
JACKSONVILLE	KA4SQN	145.190	-		
JACKSONVILLE	WD4FVO	147.000	-		
JEFFERSON	W4YSB	147.300	+	T103.5	☺
KANNAPOLIS	N4JEX	147.300	+	T136.5	
KILL DEVIL HILLS	W4PCN	145.110	-	T131.8	☺
KINSTON	W4OIX	145.470	-	T88.5	☺
LAURINBURG	KI4RR	146.625	-		☺
#LENOIR	N4NIN	147.195	+	UNCOR	☺
LENOIR/HIBRITN	KN4K	147.330	+	T141.3	☺
LEVEL CROSS	K4ITL	147.255	+	T82.5	
#LEXINGTON	N4LEX	145.310	-	UNCOR	☺
LEXINGTON	W4PAR	146.910	-	T107.2	☺
LILLINGTON	K4ITL	147.105	+	T82.5	
LINCOLNTON	NC4LC	147.015	+	141.3	
LOCUST	WA4CHZ	147.390	+	T100.0	☺
#LUMBERTON	W4LBT	145.150	-	UNCOR	☺
LUMBERTON	W4LBT	147.045	+		☺
LUMBERTON	KD4PBK	147.165	+	T88.5	☺
LUMBERTON	W4PET	147.360	+		☺
MACO	KB4BR	147.060	+	T	☺
MADISON	N4IV	147.345	+	T103.5	
MARION	WD4PVE	146.985	-	118.8	
MILLERS CREEK	N4GGN	146.715	-	94.8	☺
MONROE/UCARS	NC4UC	145.390	-	T94.8	☺
MORGANTON	KC4QPR	146.745	-	94.8	
MORGANTON	K4VLY	147.150	+		
MOUNT AIRY	N4VRD	145.330	-	T100.0	
MT MITCHELL	WA4BVW	145.190	-		☺
MT. AIRY	N4VL	145.130	-	T103.5	☺
#MURPHY/STALCUP	N4WCO	146.865	+	UNCOR	
N. WILKESBORO	W4HF	145.370	-	T94.8	☺
NASHVILLE	WA4WPD	145.290	-	T107.2	
NEW BERN	W4EWN	146.610	-	T100.0	☺
#NEWPORT	K4GRW	145.450	-	UNCOR	☺
NEWTON	K4CCR	147.075	+	T88.5	☺
ORIENTAL	W4SLH	147.210	+	T151.4	☺
PITTSBORO	KD4JFN	147.075	+	T146.2	
RAEFORD	KU4W	145.430	-	100.0	☺
RALEIGH	W4RNC	145.130	-	T82.5	☺
RALEIGH	K4GWH	145.190	-	T156.7	
RALEIGH	WB4TQD	145.390	-	T82.5	☺
RALEIGH	W4BWC	145.490	-	T82.5	
RALEIGH	WB4TOP	146.610	-	T131.8	☺
RALEIGH	W4DW	146.640	-		☺
RALEIGH	W4BWC	146.730	-	T82.5	
#RALEIGH	KD4RAA	146.775	-	UNCOR	☺
RALEIGH	WB4TQD	146.880	-		☺
RALEIGH	W4BAD	147.015	+	T88.5	
RALEIGH	KO4CW	147.195	+	T88.5	
RALEIGH/BENSON	AK4H	147.270	+		☺
RED SPRINGS	W4MZP	147.300	+		☺
REIDSVILLE	N4IV	146.850	-	T103.5	
ROANOKE RAPIDS	N4WFU	146.745	-	T131.8	
ROANOKE RAPIDS	KB4DJT	147.030	+		
ROANOKE RAPIDS	K4ITL	147.150	+	T82.5	
ROBBINSVILLE	N4GSM	145.110	-	T151.4	☺
ROCKINGHAM	K4RNC	146.955	-		☺
ROCKY MOUNT	W4DCG	146.805	-	T118.8	☺
ROCKY MOUNT	WN4Z	147.120	+	T131.8	☺
ROLESVILLE	KF4HFQ	147.315	+	T88.5	
ROSEBORO	K4ITL	145.310	-		
SALISBURY	W4EXU	146.730	-	T94.8	☺
SALISBURY	KG4WAD	146.775	-	T94.8	☺
SAURATOWN MT	W4NC	145.470	-	T100.0	☺
SAURATOWN MT	KG4ASL	146.790	-	T107.2	☺
SAURATOWN MT	K4MPJ	147.315	+	T100.0	☺
SHALLOTTE	K4PPD	145.370	-	118.8	
SHALLOTTE	K4PPD	147.315	+	T118.8	
#SHALLOTTE	K4PPD	147.390	+	UNCOR	
SHELBY	W4NYR	146.880	-		☺
SHELBY	W4NYR	147.345	+		
SPARTA/GREEN MT	K4QFQ	145.430	-		☺
#SPRUCE PINE	KF4GUZ	146.895	+	UNCOR	
STAR/BISCOE	KI4DH	147.090	+	100.0	☺
STATESVILLE	W4SNC	146.685	-		☺
SURF CITY	W4TSI	146.640	-	PROP	
SWANSBORO	KB2XI	146.760	-		☺
SYLVA	KF4DTL	147.345	+	151.4	
THOMASVILLE	KF4QDS	146.610	-	T123.0	
THOMASVILLE	KB4BPV	146.835	+	T88.5	
THOMASVILLE	WW4DC	147.000	+	T88.5	
TRENTON	WB4TQD	145.210	-		☺
TRYON	KF4JVI	145.330	-		☺
TRYON	W4RCW	147.285	+		
WADESBORO	W4USH	146.835	-		☺
WANCHESE	W4ACY	146.940	-	T131.8	☺
WASHINGTON	WA4TEP	147.345	+		☺
WAXHAW	K4WBT	146.865	+	T94.8	☺
WAYNESVILLE	N4SM	147.270	+		
WAYNESVILLE	N4DTR	147.390	+		
WHITEVILLE	W4NTQ	147.210	+		
WILKESBORO	WB4PZA	146.820	-	94.8	☺
WILLIAMSTON	K4SER	145.410	-	T131.8	☺
WILMINGTON	N4JDW	145.170	-	T88.5	
WILMINGTON	AD4DN	146.670	-	T88.5	☺
WILMINGTON	N4ILM	146.730	-		☺
WILMINGTON	N4ILM	146.820	-	T88.5	☺
WILMINGTON	N2QEW	146.895	-	T88.5	
WILMINGTON	WA4US	147.135	+	T67.0	☺
WILMINGTON	AC4RC	147.180	+	T88.5	☺
WILSON	WB4THL	146.760	-	131.8	
WINSTON-SALEM	W4NC	146.640	-	T100.0	☺
YADKINVILLE	N4YSB	147.015	-	100.0	☺
YOUNGSVILLE	KD4MYE	145.110	-	88.5	

220 MHZ

ANDRWS/ROBINSVL	K4AIH	224.880	-		☺
ASHEVILLE	KD4CJG	224.520	-	T91.5	☺
ASHEVILLE	WB4PLA	224.600	-		☺
ASHVL/MT PISGAH	WA4BVW	224.260	-		☺
BANNER ELK	WA4NC	224.840	-	PROP	☺
BARIUM SPRINGS	WA4WRS	224.300	-		☺
BIG KNB/MARS HIL	KE4RQL	224.660	-	100.0	☺
#BIG PHOENIX MTN.	KC4KUL	224.600	-	UNCOR	
BURNSVILLE	KD4WAR	224.740	-		
CANTON	N4DWU	224.820	-		☺
CARY	W4JYV	224.880	-	T88.5	
CHAPEL HILL	K4ITL	224.120	-	PROP	
CHARLOTTE	W4BFB	224.400	-		☺
CHERRY MTN	KG4JIA	224.640	-	71.9	☺
CHERRYVILLE	N4DWP	224.960	-		
CLEMMONS	WB9SZL	224.700	-	T100.0	☺
DUNCAN	KM4TC	224.700	-	T88.5	
EFLAND	WA1YYN	224.660	-	T107.2	
GASTONIA	KC4IRA	224.620	-	T127.3	
GREENSBORO	WB4GUG	224.440	-	T107.2	
GREENSBORO	N4QVI	224.960	-		
GRIFTON	WA4DAN	224.840	-		
GRIMESLAND	WB4PAC	224.360	-		
HAW RIVER	KD4JFN	224.620	-	T107.2	
HENDERSONVILLE	N4UQS	224.960	-		
HENDSVL/BERWLW	WA4KNI	224.240	-		
HILLSBOROUGH	WR4AGC	224.260	-		
JACKSONVILLE	KA4SQN	224.320	-		
JEFERSON	W4JWD	224.220	-	T88.5	☺
KERNERSVILLE	KF4IXK	224.820	-	T107.2	
KVILLE/HIPOINT	KE4QOX	224.240	-	T107.2	☺
LENOIR/HIBRITN	KN4K	224.160	-		☺
LOCUST	KC4FWC	224.480	-		
MARSHALL	KF4ZDS	224.360	-		
MT MITCHELL	WA4BVW	224.540	-		☺
PLYMOUTH	KB7BTU	224.760	-	T131.8	
RALEIGH	K4ITL	224.160	-		
RALEIGH	W4RNC	224.640	-		☺
ROBBINSVILLE	N4GSM	223.940	-		☺
ROCKY MOUNT	NF4C	224.220	-		☺
ROCKY MOUNT	KR4AA	224.580	-		☺
SALISBURY	W4EXU	224.760	-		☺
SHELBY	W4NYR	224.060	-		
SHELBY	N4DWP	224.460	-		

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

N. CAROLINA REPEATERS CONTINUE

SOPHIS/RANDLEMAN	WR4BEG	224.140	-	T	
THOMASVILLE	WW4DC	224.340	-	T88.5	
TRENTON	WA4DAN	224.720	-		
WILMINGTON	WA4US	224.200	-	T	☺
WILMINGTON	AD4DN	224.500	-	T88.5	☺
WILMINGTON	WB4KPF	224.680	-		

440 MHZ

#AHOSKIE	WB4YNF	444.200	+	UNCOR	
AIR BELLOWS GAP	WA4PXV	443.575	+		
ANDRWS/ROBINSVL	WD4NWV	442.600	+	T151.4	☺
ANDRWS/ROBINSVL	K4AIH	443.650	+		☺
ANDSN MT/DENVER	K4CCR	444.075	+	88.5	☺
APEX	KD4PBS	442.075	+	T114.8	
ARCHDALE	KI4ASR	442.775	+	PROP	
ASHEBORO	KE4QAP	444.975	+		
ASHEVILLE	WA4TOG	442.550	+		
ASHEVILLE	KD4GEU	442.650	+		
ASHEVILLE	KF4TLA	443.275	+	T103.5	
AUBURN	N4ZCM	442.275	+		
BENSON/COATS	K4JDR	444.550	+	T100.0	☺
#BLADENBORO	KC4FWC	444.725	+	UNCOR	
#BLADENBORO	KC4FWC	444.725	+	UNCOR	
BOONE/RICH MT	KC4FWC	444.575	+	T77.0	
BREVARD	AG4AZ	442.850	+		☺
BRYSON CITY	N0SU	443.400	+	T151.4	☺
BURGAW	N4JDW	444.075	+	T88.5	
BURLINGTON	K4EG	443.600	+	T123.0	☺
BURNSVILLE	KD4WAR	443.650	+		
CANTON	KE4UIU	443.475	+	T156.7	
CARY	K4JDR	444.775	+	T100.0	☺
CASTALIA	N4JEH	444.975	+	T107.2	
CHAPEL HILL	W4UNC	442.150	+	T131.8	☺
CHAPEL HILL	W4UNC	443.475	+	T131.8	☺
CHARLOTTE	N4IBM	442.650	+	88.5	☺
CHARLOTTE	KD4OWV	443.950	+		
CHARLOTTE	K4KAY	444.350	+	T118.8	☺
CHARLOTTE	W4CQ	444.450	+		
CHARLOTTE	W4BFB	444.600	+	T100.0	☺
CHARLOTTE	W4WBT	444.675	+		
CHARLOTTE	W4CQ	444.850	+		
CHARLOTTE	WA1WXL	444.950	+	T136.5	☺
CHERRY MTN	KG4JIA	442.500	+	94.8	☺
CHINA GROVE	N4JEX	443.250	+	T136.5	
CLAREMONT	WB4SRV	443.775	+	T118.8	☺
#CLAYTON	K4JDR	444.150	+	UNCOR	☺
COLUMBIA	KB4TOH	443.300	+	131.8	☺
COLUMBUS	K4JLA	442.075	+	T103.5	☺
CONCORD	N2QJI	442.525	+	T94.8	☺
CRAB CREEK TWP	KB4PQA	443.125	+		
CROWDER'S MT	KD4FRP	443.675	+		
CULLOWHEE	K4RCC	444.875	+	PROP	
DALLAS CHLT	KC4YOZ	443.850	+	T100.0	
DURHAM	WR4AGC	444.100	+		
DURHAM	W4BAD	444.575	+	T88.5	
DURHAM	KB4WGA	444.925	+	T100.0	
EDEN/REIDSVILLE	KI4CGV	443.975	+		
EFLAND	WA1YYN	442.050	+	T107.2	
ELIZABETH CITY	WA4VTX	444.300	+	131.8	☺
ELM CITY	K2IMO	442.325	+	PROP	
FAYETTEVILLE	K4MN	444.400	+	100HZ	
FOREST CITY	AI4M	442.000	+	114.8	☺
FOREST CITY	AI4M	443.300	+	T114.8	☺
FOUNTAIN	N4HAJ	444.425	+	T88.5	
FRANKLIN	N4DTR	444.375	+	T131.8	
GASTONIA	NC4GC	442.700	+	T100.0	☺
GASTONIA	KG4LWG	442.775	+	T123.0	
GASTONIA	NC4GC	444.750	+	T162.2	☺
GASTONIA/CRWDR	KC4ZTI	443.750	+		
GASTONIA/CRWDR	AG4EI	444.150	+	T	☺
GASTONIA/SPCR MT	N4GAS	444.550	+		
GIBSONVILLE	WB4IKY	443.025	+	T107.2	☺
GIBSONVILLE	WB4IKY	444.350	+	T107.2	☺
GOLDSBORO	W4GOL	443.000	+	T100.0	☺
GRAHAM	K4GWH	443.725	+	T156.7	
GRANTSBORO	KR4LO	444.350	+		
GREENSBORO	KG4BTN	441.975	+	PROP	
GREENSBORO	W4GSO	442.875	+	T88.5	☺
GREENSBORO	KG4BTN	443.650	+	88.5	☺
GREENSBORO	K4GWH	444.225	+	T146.2	
GREENSBORO	KG4BTN	444.475	+	107.2	☺
GREENSBORO	KF4DWV	444.950	+	T100.0	☺
GREENVILLE	WB4PMQ	444.800	+	T131.8	☺
HATTERAS ISLAND	K4OBX	444.925	+	T131.8	
HAW RIVER	KD4JFN	443.775	+	T107.2	
HENDERSON	KG4IWI	442.125	+	T88.5	☺
HENDERSON	KB4WGA	444.375	+	T100.0	
HENDERSONVILLE	WA4TOG	442.450	+		
HENDSVL/BERWLW	WA4KNI	444.250	+		
HICKORY	WA4PXV	442.375	+		
HICKORY	K4JEQ	444.000	+		
HICKORY	KF4LUC	444.800	+	T94.8	☺
HIGH POINT	W4UA	443.900	+		☺
HIGH POINT	KD4JFN	444.025	+	T107.2	
HILLSBOROUGH	WA1YYN	443.950	+	PROP	
HILLSBOROUGH	WR4AGC	444.450	+	T100.0	
HOLLY SPRINGS	KF4AUF	444.325	+	T100.0	
HUNTERSVILLE	W8EMX	443.225	+	PROP	
#JACKSONVILLE	KE4JDP	444.675	+	UNCOR	
KANNAPOLIS	N4JEX	443.350	+	T136.5	
KERNERSVILLE	KF4DAR	442.975	+	T107.2	
KERNERSVILLE	KF4IXK	443.325	+	T131.8	
#KING/SAURATOWN	KE4QEA	444.200	+	UNCOR	
KINSTON	N4HAJ	442.000	+	T88.5	
KINSTON	N4HAJ	444.575	+	T88.5	
KVILLE/H POINT	KE4QOX	443.700	+	T103.5	☺
LAKE GASTON	KF5TU	442.350	+	T100.HZ	☺
#LAURINBURG	KC4FWC	443.825	+	UNCOR	
LENOIR/CAJAH MT	N4EUX	443.525	+		
LEVEL CROSS	K4ITL	442.825	+	T82.5	
LEXINGTON	KO0NTZ	442.275	+	T146.2	
#LEXINGTON	K4AE	442.425	+	UNCOR	☺
LEXINGTON	K4CH	442.925	+	T107.2	☺
LEXINGTON	W4PAR	444.500	+	T	☺
LILLINGTON	W4FBC	444.175	+	PROP	
LINCOLNTON	WA4YGD	442.350	+		☺
LINVILLE	KC4UBR	442.175	+	T136.5	
LOCUST	WA4LBT	443.700	+		
LOUISBURG	N4EWS	444.250	+	88.5	
LUMBERTON	WB4DVN	444.625	+		
LUMBERTON	KD4BGD	444.700	+	T114.8	☺
MCLEANSVILLE	WB4GUG	444.125	+	T	
MIDDLESEX	NE4J	444.650	+	T179.9	
MONROE	W4ZO	444.300	+	T100.0	☺
MONROE	NC4UC	444.425	+	T94.8	☺
MORAVIAN FALLS	KA2NAX	442.675	+	T88.5	☺
MORG/WALKER TOP	KC4QPR	442.300	+	94.8	
MORGANTON	KC4QZL	443.800	+	T	
MOUNT AIRY	N4XRY	444.925	+		
MT AIRY/FSH PK	KF4UY	444.825	+	T100.0	
MT MITCHELL	N4DWU	443.600	+	114.8	☺
MT. MITCHELL	AB4JJ	442.225	+	PROP	
NASHVILLE	N4JEH	443.700	+	T107.2	
NEW BERN	W4EWN	444.900	+	T100.0	☺
NEWEL	WT4IX	442.125	+	PROP	
NEWPORT	N4HAJ	444.825	+	T100.0	☺
NEWPORT CCARS	W4YMI	444.975	+		☺
NEWTON	KE4KIV	442.625	+		
OLD FORT	KR4EX	444.775	+		
OXFORD	NO4EL	444.600	+		
PINEVIEW	NC4BJ	444.275	+	PROP	☺
PINEY KNOB	KC4KPW	443.875	+	T103.5	
PITTSBORO	K1BUD	442.550	+	T	☺
PITTSBORO	KD4JFN	444.750	+	T146.2	
POLKVILLE	N2DWP	444.975	+		
RALEIGH	N4LMR	442.450	+		
RALEIGH	W4MLU	442.575	+	T	☺
RALEIGH	W4ATC	442.675	+	100.0	☺
RALEIGH	WA4NNA	443.125	+		☺
RALEIGH	N4ZCM	443.225	+	T	
RALEIGH	W1IFL	443.375	+	T	
RALEIGH	W4RNC	444.525	+	T82.5	☺
RALEIGH	KD4RAA	444.675	+	T100.0	
RALEIGH	K4GWH	444.825	+	T146.2	
RALEIGH	W4BAD	444.850	+	T100.0	
REIDSVILLE	K4YEC	444.800	+	T107.2	
RES. TRIANGLE PK	WA1YYN	443.425	+	T156.7	
RES. TRIANGLE PK	W4EUS	443.625	+		
ROANOKE RAPIDS	KA4BQM	444.550	+	T192.8	
ROCKY MOUNT	N4JEH	444.700	+	T107.2	
ROCKY MOUNT	WN4Z	444.850	+	T131.8	
ROLESVILLE	KF4HFQ	444.950	+	T88.5	
ROUGEMNT/RED MT	WA4WTX	443.275	+	100.0	
ROXBORO	KE4GYN	442.175	+	T156.7	
SALISBURY	W4HG	443.150	+	T136.5	
SALISBURY	KJ4HF	444.650	+	T88.5	☺
SAURATOWN MT	KE4QOX	443.100	+	T88.5	
SAURATOWN MTN	W1WBT	443.050	+	T136.5	
SCOTLAND NECK	WA4TCC	444.075	+	PROP	
SELMA	KI4RK	444.000	+		
SHELBY	W4NYR	444.325	+		☺
SOPHIA/RANDLEMAN	WR4BEG	443.075	+		
SOUTHERN PINES	KD4QMS	444.800	+	T118.8	
#SPRUCE PINE	KF4GUZ	443.925	+	UNCOR	
#STANFIELD	KC4FWC	443.200	+	UNCOR	
STATESVILLE	N4VOZ	443.450	+		
STATESVILLE	AE4GA	444.700	+	T94.8	
SURF CITY	W4TSI	442.950	+	PROP	
TARBORO	N4JEH	444.500	+	T100.0	
TARBORO	N4NTO	444.925	+	T118.8	☺
TAYLORSVILLE	W4ERT	441.625	+	T123.0	
TAYLORSVILLE	W4ERT	442.950	+	T151.4	
THOMASVILLE	WW4DC	442.900	+	T88.5	
VALDESE	WA4PXV	442.600	+		
WAXHAW	K4WBT	444.525	+	T94.8	☺
WAYNESVILLE	N4DTR	444.450	+		
#WENDELL	KD4RAA	444.875	+	UNCOR	☺
WEST JEFFERSON	AB4JJ	443.500	+	T107.2	
WILKESBORO	KE4DGP	442.475	+	T107.2	
WILKESBORO	KC4XE	443.550	+	94.8	☺
WILLIAMSTON	K4SER	444.250	+	T131.8	☺
WILMINGTON	N4JDW	442.075	+	T88.5	
WILMINGTON	WA4US	442.175	+		☺
WILMINGTON	WA4US	442.200	+	T	☺
WILMINGTON	K4YNY	442.500	+	T88.5	
WILMINGTON	AD4DN	443.400	+	T88.5	☺
WILMINGTON	WA4US	443.850	+		☺
WILMINGTON	WA4US	443.950	+		☺
WILMINGTON	N4JDW	444.050	+	T88.5	
WILMINGTON	WA4US	444.200	+		☺
WILMINGTON	WA4US	444.450	+		☺
WILMINGTON	WA4US	444.650	+		☺
WILMINGTON	N2QEW	444.775	+	T88.5	
WILMINGTON	N4ILM	444.850	+	T88.5	☺
WILSON	W4EJ	444.900	+	T179.9	
WINGATE	WB4U	444.875	+	T127.3	☺
WINSTON-SALEM	W4NC	444.275	+	100.0	☺
WINSTON-SALEM	KD4MMP	444.725	+	T107.2	
YADKINVILLE	KD4KMK	442.025	+	T100.0	
YADKINVILLE	N4AAD	442.800	+	T100.0	☺
YOUNGSVILLE	KC4WDI	443.200	+	T88.5	☺

900 MHZ

BEAR WALLOW	WA4TOG	927.550	-	PROP	
CONCORD	N2QJI	927.6625	-	T141.3	☺
DURHAM	KB4WGA	927.6125	-	PROP	
RALEIGH	W4FAL	927.6625	-	T156.7	
WAYNESVILLE	N4DTR	927.6625	-	T131.8	

1270 MHZ

#CHARLOTTE	W4PPN	1253.250	+	UNCOR	
CONCORD	N2QJI	1282.525	-	T141.3	☺
GASTONIA/CRWDR	AG4EI	1292.820	-		☺
WILMINGTON	AD4DN	1291.410	-	88.5	☺

SOUTH CAROLINA

10 METERS

SUMTER	W4GL	29.660	-		

6 METERS

BISHOPVILLE	K4NOC	53.090	-		☺
BLACKSBURG	AB4OE	53.030	-	T123.0	☺
CHESTER	KF4SXO	53.290	-		
GAFFNEY	KF4BJO	53.470	-	PROP	
GVL/CSR'S HEAD	KO4MZ	53.410	-	T131.8	☺
LEESVILLE	N5CWH	53.270	-	T162.2	
LITTLE MOUNTAIN	KN4AS	53.190	-	T156.7	
MOUNTAIN REST	KF4IWA	53.590	-		
MYR BCH/AYNOR	K4SHP	53.050	-	T100.0	☺
ORANGEBURG	AD4U	53.210	-		
SUMTER	W4GL	53.770	-		
UNION	K4USC	53.150	-		☺
WALTERBORO	KG4BZN	53.310	-	123.0	

2 METERS

AIKEN	KY4S	145.170	-		☺
AIKEN	N2ZZ	145.350	-	PROP	
AIKEN	N4ADM	147.285	+		☺
ANDERSON	N4AW	146.970	-		☺
ANDERSON/SAS MT	N4AW	146.790	-		☺
BAMBERG	WA4DFP	145.330	-		☺
BARNWELL	KK4BQ	147.030	+	T156.7	☺
BEAUFORT	W4IAR	145.310	-		☺
BEAUFORT	KD4KOJ	146.655	-		☺
BISHOPVILLE	K4NOC	145.170	-	T123.0	☺
CAMDEN	KT4NZ	146.820	-	PROP	
CASSATT	KG4FAN	147.105	+	PROP	
CHARLESTON	WA4USN	145.250	-		☺
CHARLESTON	WA4USN	145.410	-		☺
CHARLESTON	K4ESG	146.760	-	T	
CHARLESTON	WA4USN	146.790	-		☺
CHARLESTON	KT4YW	146.835	-		
CHARLESTON	N7GZT	146.940	-	T	
CHARLESTON	KE4HHR	147.300	+	T103.5	
CHARLESTON	W4ANK	147.345	+	T	
CHARLESTON AREA	W4ANK	147.270	+		
CHERAW	WD4HEM	145.490	-	T123.0	☺
CHESTER	W4CHR	145.310	-		☺
CHESTER	KF4SXO	146.625	-		
CHESTERFIELD	K4CCC	147.135	+		☺
CLEMSON UNIV	WD4EOG	145.450	-	T	
COLUMBIA	N7GZT	145.270	-	T162.2	
COLUMBIA	WB4NEP	146.715	-		
COLUMBIA	KF4GHC	147.330	+	156.7	☺
COLUMBIA	N4EOY	147.360	+		
DILLON/PEE DEE	W4PDE	146.745	-		☺
EASTOVER	200410	147.075	+	T156.7	☺
ELLOREE	KC4WIF	146.610	-	T118.8	
FLORENCE	W4ULH	146.850	-		☺
FLORENCE	W4GEY	146.970	-	167.9	☺
FLORENCE	WD4HEM	147.195	+	123.0	☺
FORT JACKSON	KF4GHC	146.775	-	T156.7	☺
FORT MILL	WZ4SC	145.110	-		
FORT MILL	W4DXA	147.180	+		☺
GAFFNEY	WB4BLI	145.470	-	141.3	
GEORGETOWN	KI4CB	147.375	+		
GREELEYVILLE	KG4AQH	145.230	-		
GREENVILLE	W4IQQ	146.940	-	107.2	☺
GREENWOOD	W4JAK	145.130	-		☺
GREENWOOD	W4GWD	147.165	+	107.2	☺
#GREENWOOD	K4LEO	147.375	+	UNCOR	
GRNVLE/CSRS HD	W4NYK	146.610	-		☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

S. CAROLINA REPEATERS CONTINUE

GRNVLE/PARIS MT	W4NYK	146.820	-		☺
HILTON HEAD	W4IAR	147.240	+	T	☺
HOLLY HILL	K4ILT	145.370	-	PROP	☺
LANCASTER	W4PAX	146.700	-	T123.0	
LANCASTER	AC4VT	147.240	+	T88.5	
LAURENS	KD4HLH	146.865	-	T107.2	
LEESVILLE	N5CWH	146.655	-	T162.2	
LEESVILLE	W4RRC	147.255	+	T123.0	☺
LEXINGTON	KA4FEC	147.390	+		☺
LITTLE MT.	K4AVU	147.210	+		
LITTLE RIVER	KF4VGX	146.865	-		☺
LUCKNOW	WD4HEM	146.925	-	T123.0	☺
MARION	KD4HTW	147.000	-	T192.8	☺
MONCKS CORNER	WD4NUN	147.150	+	T	
MOUNTAIN REST	KU4OL	147.030	-		
MYB BCH/BRKSVIL	N4LV	147.285	+		
MYR BCH/AYNOR	K4SHP	147.090	+	T100.0	☺
MYR BCH/CONWAY	W4GS	145.110	-		☺
MYR BCH/CONWAY	KI4CB	145.470	-		
MYRTLE BEACH	W4GS	145.290	-	85.4	☺
MYRTLE BEACH	K4SHP	146.655	-	T100.0	☺
MYRTLE BEACH	W4GS	147.120	+		☺
MYRTLE BEACH	KD4TMW	147.240	+	T85.4	
N. AUGUSTA	K4NAB	146.730	-	T	☺
#N. MYRTLE BEACH	N4JTH	147.030	+	UNCOR	☺
ORANGEBURG	KF4ATU	146.805	-	T156.7	☺
ORANGEBURG	N7GZT	146.880	-	T	
ORANGEBURG	KF4ATU	147.090	+	T156.7	☺
PAGELAND	WD4HEM	146.895	-	T123.0	☺
PAULINE	K4JLA	147.090	+		☺
PICKENS	WT4F	146.700	-	107.2	☺
PICKENS	WB4YXZ	147.000	-	151.4	
PINE RIDGE	KD4BMX	146.955	-	T162.2	☺
PUMPKINTOWN	KU4ZS	145.290	-	PROP	
ROCK HILL	K4YTZ	147.030	-		
SANTEE	W4DTW	147.225	+	PROP	
SAVANNAH RIVER	W4ZKM	145.450	-	PROP	
SENECA/LONG MT	WA4JRJ	147.270	+		☺
SIMPSONVILLE	WA4UKX	145.250	-	PROP	☺
SIMPSONVILLE	WA4UKX	146.730	-	100.0	☺
SMOAKS	KG4LAP	145.210	-		
SPARTANBURG	K4JLA	147.315	+		☺
ST. GEORGE	K4ILT	147.045	+	103.5	☺
ST. MATTHEWS	AD4U	146.670	-	T156.7	
SUMMERTON	N4LWY	145.150	-		
SUMMERVILLE	W1GRE	146.985	-	PROP	☺
#SUMMERVILLE	W4HNK	147.180	+	UNCOR	☺
SUMTER	K4JR	145.130	-		☺
SUMTER	K4JR	145.430	-	T156.7	☺
SUMTER	W4GL	146.640	-		
SUMTER	W4GL	147.015	+	156.7	
SUMTER/SHAW	W4VFR	147.060	+		
UNION	K4USC	145.150	-		☺
UNION	K4USC	146.685	-		☺
WALTERBORO	KG4BZN	145.390	-		
WALTERBORO	KG4BZN	147.135	+		

220 MHZ

BISHOPVILLE	K4NOC	224.860	-		☺
COLUMBIA	N7GZT	224.160	-		
COLUMBIA	N7GZT	224.640	-		
COLUMBIA	N4EOY	224.900	-		
CROSS	KB4VFD	224.580	-		
FLORENCE	N4JJ	224.940	-		☺
FORT MILL	WZ4SC	224.800	-		
GAFFNEY	KG4JIA	224.500	-	T123.0	☺
GREENVILLE	W4ILY	224.200	-		☺
GRNVL/DOWNTWN	W4NYK	224.920	-	88.5	☺
LEESVILLE	N5CWH	224.560	-	T162.2	
LITTLE MTN	N7GZT	224.520	-		
ORANGEBURG	N7GZT	224.180	-		
ORANGEBURG	KO4BR	224.780	-		☺
PICKENS	AC4RZ	224.280	-		
PICKENS	WB4QHF	224.400	-	T131.8	☺
PICKENS/CSRS HD	WB4QHF	224.140	-	T131.8	☺
PICKENS/SASFR MT	W4IT	224.320	-		☺
SUMTER	W4GL	224.120	-		
SUMTER/SHAW	W4VFR	224.660	-		
WEST SPRINGS	KN4CW	224.440	-		☺

440 MHZ

ABBEVILLE	KD4HEY	442.750	+	162.2	
AIKEN	AC4WW	443.400	+	T107.2	
BISHOPVILLE	K4NOC	444.500	+	123.0	☺
BLUFFTON	WA4MPZ	442.675	+	100.0	☺
CHARLESTON	N4SJW	442.150	+	PROP	
CHARLESTON	KF4CDR	442.775	+	T	
CHARLESTON	N4MNH	444.300	+		
CHARLESTON	KD4PBC	444.950	+	103.5	
CHERAW	AG4GW	443.000	+	PROP	
CLEMSON UNIV.	WD4EOG	444.625	+	T156.7	
CLOVER	KC4KPJ	443.725	+	127.3	
COLUMBIA	N7GZT	442.200	+	162.2	
COWPENS	KE4EAN	443.625	+	T136.5	☺
EASLEY/SAS MTN	AC4RZ	444.925	+	T103.5	
FLORENCE	W4ULH	444.000	+		☺
FORT MILL	WZ4SC	443.475	+		
GAFFNEY	KF4BJO	441.875	+	T123.0	
GAFFNEY	KU4ZS	444.900	+	PROP	
GEORGETOWN	KI4CB	444.925	+	T	
GREELEYVILLE	KG4AQH	441.525	+	PROP	
GREENVILLE	KB4PQA	442.250	+		
GREENWOOD	W4GWD	443.900	+	107.2	☺
GRNVLE/GLASSY	KU4ZS	442.175	+	PROP	
GRNVLE/PARIS MT	W4IQQ	443.350	+		☺
HICKORY TAVERN	AC4RZ	443.450	+	T162.2	
HOLLY HILL	K4ILT	444.825	+	PROP	☺
KNIGHTSVILLE	WA4USN	441.350	+		
LAKE MURRAY	N4UHF	444.650	+	T	
LÂKE WYLIE	W1WBT	444.050	+	T136.5	
LANCASTER	W4PAX	444.100	+	T192.8	
LAURENS	KD4HLH	443.175	+	T146.2	
LAURENS	KF4Y	443.775	+	T141.3	
LEESVILLE	N5CWH	443.500	+	162.2	
LEXINGTON	N4GUP	421.250	+		
LEXINGTON	KF4GHC	444.200	+	156.7	☺
LIBERTY	N4VDE	443.975	+	PROP	
MOUNTAIN REST	AE4PZ	442.775	+	T127.3	
MT PLEASANT	W4HNK	443.800	+	123.0	☺
MT. PLEASANT	WA4USN	441.450	+		
MYB BCH/BRKSVIL	N4LV	444.525	+		
MYR BCH/CONWAY	W4GS	444.675	+	T85.4	☺
MYR BEACH/AYNOR	K4SHP	444.900	+	T100.0	☺
MYRTLE BEACH	K2PJ	444.575	+	85.4	☺
NEWBERRY	WD4CWY	442.425	+	PROP	
NO. CHARLESTON	KT4YW	444.600	+		
NORTH AUGUSTA	KE4RAP	444.800	+	PROP	
ORANGEBURG	WM3O	444.975	+		☺
PACOLET	AG4VT	441.900	+	T100.0	☺
PICKENS	WT4F	442.125	+		☺
PICKENS/CSRS HD	WB4QHF	442.400	+	T127.3	☺
ROCK HILL	KI4D	443.100	+	PROP	
ROCK HILL	KC4KPJ	444.725	+	127.3	
SIMPSONVILLE	AA4LB	442.725	+	T100.0	
SIX MILE	WB4TWX	441.875	+	123.0	
SUMMERVILLE	KC4ED	442.300	+	T	
SUMTER	WZ4O	421.250	+		
SUMTER	W4GL	444.150	+	123.0	
TIMMONSVILLE	WD4HEM	442.050	+	T123.0	☺
UNION	K4USC	442.100	+		☺
WALTERBORO	KG4BZN	444.550	+	123.0	

900 MHZ

PICKENS	KE4PAB	927.5125	-	T100.0	☺

TENNESSEE

10 METERS

GALLATIN/BNA	W4CAT	29.640	-	T107.2	
GREENEVILLE	WB4NKM	29.640	-		☺
MEMPHIS	W4ZJM	29.620	-	T*#	
NASHVILLE	WR3S	29.620	-	PROP	
SPRINGFIELD	N8ITF	29.680	-		
TELLICO PLAINS	AJ4D	29.620	-	146.2	

6 METERS

CASTALIAN SPRING	KE4SWV	53.930	-	PROP	☺
CHATTANOOGA	K4VCM	53.350	-		☺
CLARKSVILLE	K4ORE	53.410	-	PROP	☺
COOKEVILLE	WA4UCE	53.190	-	PROP	
DRESDEN	KG4IBW	53.130	-	T107.2	
ELIZABETHTON	KN4E	53.890	-	T88.5	☺
GALLATIN	WA4BGK	53.050	-	T114.8	
GEORGETOWN	WD4OAR	53.730	-	PROP	
GREENEVILLE	N4FV	53.010	-	100.0	
GUTHRIE (TN/KY)	KA4ZKL	53.230	-		
KINGSPORT	K4GX	53.430	-	PROP	
KNOX/SEVIERVILLE	KD4CWB	53.990	-	PROP	
#KNOXVILLE	WA4YON	53.250	-	UNCOR	
KNOXVILLE	KB4REC	53.470	-	PROP	
KNOXVILLE	N4OQJ	53.550	-	PROP	
KNOXVILLE/RACK	W4BBB	53.770	-	100.0	☺
KNXVL/ENG MT	WB4IOB	53.150	-		
LAFOLLETTE	K4BGW	53.170	-	PROP	
LANEVIEW	KE4OVN	53.710	-	T107.2	
LEXINGTON	N5YKR	53.150	-	T100.0	
MARYVILLE	KC4PDQ	53.370	-		
MEMPHIS	WA4KOG	53.010	-		
MEMPHIS	K4RDK	53.550	-		
MEMPHIS	W4GMM	53.930	-	T107.2	☺
MONTEAGLE MTN	NQ4Y	53.450	-	114.8	☺
MORRISTOWN	KF4FTD	53.030	-	PROP	
MORRISTOWN	KQ4E	53.230	-		
MOUNTAIN CITY	K4DHT	53.330	-	T100.0	☺
MT. JULIET	KB4IDC	53.330	-	PROP	☺
NASHVILLE	WA4BGK	53.010	-	T114.8	
OAK RIDGE	WD4GYN	53.110	-		
#ROGERSVILLE	K4GX	53.750	-	UNCOR	
SEVIER/PINE MT	K4WYV	53.870	-	PROP	
SEVIERVILLE	KD4PBC	53.090	-	PROP	
WAVERLY	NO4Q	53.090	-		

2 METERS

ALAMO	K4WWV	147.135	+		☺
ANDERSON CTY	KF4BVQ	146.700	-	T100.0	☺
ARNOLD A.F.B.	N4HAP	147.195	+		☺
ATHENS	KG4FZR	145.150	-	T141.3	☺
ATHENS	WA4PNI	145.310	-	T141.3	☺
ATHENS	KG4FZR	147.060	-	PROP	☺
BENTON	K4SIR	145.450	-	T	
BLOUNTVILLE	W4CBX	147.000	+		☺
BLUFF CITY	KE4CCB	146.700	-	T103.5	
BOLIVAR	AF4O	147.045	+		☺
BRISTOL	W4UD	146.670	-		
BRISTOL	WD4CYZ	146.880	-		
BROWNSVILLE	WF4Q	145.430	-	T107.2	☺
BROWNSVILLE	KI4BXI	146.655	-	156.7	☺
BRSTL/HOLSTN MT	K4JP	146.760	-		
BRUCETON	WF4Q	145.170	-	T107.2	☺
CARTHAGE	N4OTT	145.190	-		
CENTERVILLE	AG4UW	147.090	+	T123.0	
CENTERVILLE	AG4UW	147.255	+	T123.0	
CHATTANOOGA	K4CMY	145.130	-		☺
CHATTANOOGA	W4AM	145.290	-	T118.8	☺
CHATTANOOGA	W4AM	145.390	-		☺
CHATTANOOGA	W4AM	146.610	-	107.2	☺
CHATTANOOGA	W4AM	146.790	-		☺
CLARKSVILLE	K4ORE	146.925	-	T110.9	☺
CLARKSVILLE	AC4RS	147.000	+	T167.9	☺
CLARKSVILLE	KF4L	147.390	+	T123.0	
CLEVELAND	W4GZX	146.925	-		☺
CLEVELAND	KD4NEC	147.105	+		
CLEVELAND	WD4DES	147.180	+	T118.8	☺
COLLEGEDALE	KA6UHV	147.000	+	T131.8	☺
COLLIERVILLE	WT4E	145.330	-	T107.2	
COLUMBIA	W4GGM	147.120	+	T127.3	☺
COOKEVILLE	KK4TD	145.110	-		
COOKEVILLE	WA4UCE	145.430	-		
COOKEVILLE	W4HPL	147.210	+		☺
CORNERSVILLE	WB4VXX	146.625	-	107.2	
CORNERSVILLE	KF4TNP	146.805	-	114.8	
COVINGTON	KE4ZBI	145.490	-	PROP	
CROSS PLAINS	W4KW	147.345	+	114.8	☺
CROSSVILLE	W4EYJ	146.805	-	131.8	☺
CROSSVILLE	W8EYU	146.865	-	118.8	☺
CUMBERLAND CITY	WD4DBJ	145.330	-		
DANDRIDGE	WD4EGD	146.895	-		☺
DAYTON	K4PHT	147.345	+		
DAYTON/RHEA CTY	K4DPD	147.390	+		
#DICKSON	KF4CAU	147.375	+	UNCOR	
DOVER	KT4WS	145.250	-	100.0	
DOVER	N4VIH	145.410	-	T123.0	
DRESDEN	KB4IBW	145.150	-	107.2	
DYERSBURG	W4MV	146.745	-		☺
ELIZTON/HOLS MT	KF4ZQA	145.290	-	T100.0	☺
ERWIN/PINNACLE	NC4TN	145.250	-	T	
ERWIN/UNICOI	KF4BRS	147.165	+		☺
FAYETTEVILLE	W4BV	147.030	+		☺
FRANKLIN	W4XS	145.150	-		
GALLATIN	W4LKZ	147.240	+	T114.8	
GALLATIN	WD4BKY	147.270	+	T114.8	
GALLATIN	W4CAT	147.300	+	T114.8	
GERMANTOWN	W2GLJ	145.210	-		
GRAY	WM4T	145.110	-		
GREENBRIER	WQ4E	147.075	+	T114.8	☺
GREENEVILLE	W4WC	145.390	-		
GREENEVILLE	K4MFD	145.410	-	T173.8	☺
GREENEVILLE	N4FV	147.060	+	123.0	
GREENFIELD	KE4OVN	145.350	-	107.2	
GTLBG/COVE MTN	WA4KJH	146.850	-	T127.3	☺
HARRIMAN	KA4QYI	146.640	-	T100.0	☺
HARRIMAN	K4EAJ	147.120	+	T82.5	☺
HENDERSON	K4TC	147.105	+	T156.7	☺
HINCH MOUNTAIN	KF4HNV	146.895	-	118.8	
HOHENWALD	K4TTC	146.895	-	100.0	☺
HUNTINGDON	KB4YTM	146.835	-		
JACKSON	KF4SC	145.310	-	T	☺
JACKSON	WF4Q	146.775	-	T107.2	☺
JACKSON	WF4Q	147.210	+	T107.2	☺
JACKSON	WB0TMC	147.270	+		
JAMESTOWN	K4NLP	147.090	+	T100.0	☺
JASPER	KD4XV	145.190	-	T127.3	☺
JOHNSON CITY	W4ABR	146.790	-		☺
JOHNSON CITY	KE4FH	147.270	+		
JONESBOROUGH	WD4OBW	146.925	-		☺
JOYNER	K4EAJ	147.150	+	T82.5	☺
KNGSPT/BAYS MT	W4TRC	146.970	-		
KNOXVILLE	WB4GBI	145.170	-		☺
KNOXVILLE	AC4JF	145.330	-		☺
KNOXVILLE	KB4KIE	145.370	-		
KNOXVILLE	WB4YLC	145.430	-		☺
KNOXVILLE	WB4GBI	145.470	-		☺
KNOXVILLE	WB4GBI	146.625	-	T100.0	☺
KNOXVILLE	KC4ROG	146.910	-	T	
KNOXVILLE	WB4GBI	146.940	-		☺
#KNOXVILLE	KD4CWB	147.000	-	UNCOR	
KNOXVILLE	WB4GBI	147.075	+		☺
KNOXVILLE	KD4CWB	147.195	+	T100.0	
KNOXVILLE/RACK	W4BBB	145.210	-	T100.0	☺
KNOXVILLE/RACK	W4BBB	147.300	+	T100.0	☺
KNXVL/ENG MT	WB4IOB	146.730	-		
LAFAYETTE	KC4ECD	145.310	-	T151.4	☺
LAFOLLETTE	KA4OAK	145.130	-		
LAFOLLETTE	K4BGW	146.670	-		☺
LAFOLLETTE	KA4OAK	147.360	+		
LAVERNE	W4CAT	145.230	-		

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue

TENNESSEE REPEATERS CONTINUE

LAWRENCEBURG	KG4LUY	146.655	-	T100.0	☺
LEBANON	W4LYR	147.105	+	T100.0	
#LEIPERS FRK	WC4EOC	145.130	-	UNCOR	☺
LEXINGTON	WF4Q	147.075	+	T107.2	☺
LIVINGSTON	N2UP	147.045	+		☺
MADISONVILLE	KG4FZR	146.820	-	T141.3	☺
MANCHESTER	W4UOT	146.700	-	T114.8	☺
MARTIN	W4UTM	146.625	-	T107.2	
MARYVILLE/ALCOA	W4OLB	146.655	-		☺
MAYNARDVILLE	KB4KIE	145.230	-		
MCEWEN	NO4Q	147.225	+	114.8	
MCMINNVILLE	WD4MWQ	146.970	-		
MCMINVL/SHT MT	WB4LHO	145.490	-		
MEDINA	WT4WA	146.970	-	PROP	
MEMPHIS	KF4ATY	145.130	-	T107.2	
MEMPHIS	N4ER	145.250	-	T146.2	☺
MEMPHIS	K5FE	145.410	-	T107.2	
MEMPHIS	WB4KQQ	146.640	-		
MEMPHIS	KE4LFZ	146.730	-	T107.2	
MEMPHIS	W4KIB	146.790	-	T107.2	
MEMPHIS	W4BS	146.820	-	T107.2	☺
MEMPHIS	WA4KOG	146.850	-		
MEMPHIS	WA4KOG	146.880	-		
MEMPHIS	W4ZJM	147.000	-	T*#	
MEMPHIS	W4EM	147.030	+		
MEMPHIS	WA4MQQ	147.060	+		
MEMPHIS	W4GMM	147.090	+	T107.2	☺
MEMPHIS	N4WAH	147.120	+	T107.2	
MEMPHIS	WA4KOG	147.180	+		
MEMPHIS	WA4ADT	147.300	+	107.2	
MEMPHIS	W4BS	147.360	+	T107.2	☺
MONTEAGLE MTN	NQ4Y	145.410	-	T114.8	☺
MONTEREY	W4SRX	145.270	-	PROP	
MORGAN COUNTY	WD4ORB	147.330	+	T82.5	☺
MORRISTOWN	KQ4E	145.450	-		
MORRISTOWN	KQ4E	147.030	+		☺
MORRISTOWN	WB4OAH	147.225	+		
#MORRISTOWN	KQ4E	147.390	+	UNCOR	
MOSCOW	KF4OID	145.110	-	107.2	
MOUNTAIN CITY	W4MCT	145.470	-	103.5	☺
#MT PLEASANT	KF4GHD	145.450	-	UNCOR	☺
MURFREESBORO	WB4LHO	145.170	-		
NASHVILLE	WC4EOC	145.210	-	173.8	☺
NASHVILLE	WR3S	145.370	-		☺
NASHVILLE	N4ARK	145.470	-		☺
NASHVILLE	WA4PCD	146.610	-	T	☺
NASHVILLE	AF4TZ	146.640	-	T114.8	☺
NASHVILLE	AF4TZ	146.670	-	T114.8	☺
NASHVILLE	WA4PCD	146.760	-	T114.8	☺
NASHVILLE	W4SQE	146.790	-	T100.0	☺
NASHVILLE	W4AY	146.850	-	T114.8	☺
NASHVILLE	WA4PCD	146.880	-	T	☺
#NASHVILLE	NT4L	146.955	-	UNCOR	
NASHVILLE	KC4PRD	146.985	-		
NASHVILLE	AF4TZ	147.015	+	T	☺
NASHVILLE	K4AYN	147.045	+		
NASHVILLE	K4ZGA	147.180	+	T114.8	
NASHVILLE	AF4TZ	147.360	+	T	☺
NASHVILLE WEST	WA4PCD	147.150	+	T114.8	☺
NASHVL/FAIRVIEW	N4ARK	145.110	-	151.4	☺
NEWBERN	N4ZKR	145.190	-	T100.0	☺
NOLENSVILLE	WD4JYD	145.350	-	114.8	☺
OAK RIDGE	W4SKH	146.880	-		☺
OAK RIDGE	W4SKH	146.970	-		☺
OAKFIELD	WA4BJY	147.390	+	T	
OAKLAND	WA4KOG	146.940	-		
ONEIDA	KB4PNG	145.350	-	PROP	
#ONEIDA	KB4PNG	146.820	-	UNCOR	
PARIS	W4JPG	145.270	-	PROP	
PARIS	KC4YLL	147.165	+	T114.8	
PARIS	K4KLX	147.360	+		
PETROS/FRZ HD MT	KJ4SI	147.255	+		
PIGEON FORGE	KD4CLA	145.270	-	T100.0	
PIKEVILLE	KF4JPT	147.285	+		☺
PULASKI	WD4RBJ	147.330	+	100.0	☺
PULASKI/MUSIC MT	W4JVO	146.775	-		
PURYEAR	WA4CEX	147.165	+		
RAMER	WB4MMI	146.700	-	T162.2	☺
RCKWD/MT ROSVLT	KE4RX	147.015	+		☺
#RICHLAND	KF4TNP	147.390	+	UNCOR	
RIDGETOP	K4DXC	145.290	-	114.8	☺
RIPLEY	KE4NTL	145.230	-	T100.0	☺
ROGERSVILLE	KD4HZN	147.315	+	T114.8	
SALTILLO	KB4JUB	146.715	-		
SALTILLO	KD5YBE	146.835	-	123.0	
SARDIS	AF4OQ	147.195	+	T94.8	
SELMER	WB4MMI	146.805	-	T107.2	☺
#SEVIERVILLE	K4PCK	147.375	+	UNCOR	
SHELBYVILLE	N4VFB	147.060	+		
SHILOH	WF4Q	145.290	-	T107.2	☺
SHORT MTN	W4YXA	146.910	-		
SPARTA	N4ARK	147.315	+	T123.0	☺
SPARTA/WHITE	KR4BT	147.165	+	T123.0	☺
TELLICO PLAINS	KE4VQM	147.315	+	T141.3	
TRENTON	KN4KP	146.865	-		
UNION CITY	WA4YGM	146.700	-		
UNION CITY	WF4Q	147.015	+	T107.2	☺
WALLAND	KF4ARH	146.685	-	T88.5	☺
WARTBURG	AA4YQ	146.745	-	136.5	☺
WATERTOWN	K4EHL	146.730	-	T100.0	☺
WATERTOWN	W4LYR	146.835	-	T100.0	
WINCHESTER	W4UOT	146.820	-		☺

220 MHZ

ATHENS	KF4PVQ	224.300	-	T141.3	☺
BLOUNTVILLE	W4CBX	224.200	-		
CHATTANOOGA	K4VCM	224.780	-		☺
CLARKESVILLE	N4PJX	224.420	-	123.0	
CLEVELAND	KK4US	224.320	-		
CLEVELAND	W4RRG	224.920	-		☺
COLLIERVILLE	KB4YGI	224.400	-		
CULLEOKA	WR3S	224.860	-	PROP	
#ERWIN	KB8FPK	224.180	-	UNCOR	☺
GALLATIN	W4CAT	223.980	-	107.2	
GALLATIN	KD4VUW	224.700	-		
GATLINBURG	W4UWH	224.620	-		
GREENBRIAR	WQ4E	224.800	-		☺
GREENBRIER	WQ4E	224.760	-		☺
GREENEVILLE	K4MFD	224.720	-	T173.8	☺
GREENEVILLE	W4WC	224.900	-	T100.0	☺
GREENEVILLE	WB4NKM	224.940	-		☺
HERMITAGE	WB4SJV	223.900	-		
JC/BUFFALO MT	KE4FH	224.780	-		
JOYNER	KC4WGH	224.840	-	T88.5	☺
KNOX-SEVIERVILLE	KD4CWB	224.860	-	PROP	
KNOXVILLE	WB4GBI	224.340	-		☺
KNOXVILLE	N4OQJ	224.380	-	100.0	
KNOXVILLE	N4KFI	224.580	-	T103.5	
KNOXVILLE	K4PCK	224.760	-		☺
KNOXVILLE/RACK	W4BBB	224.500	-	T100.0	☺
KNXVL/CROSS MT	KB4FZK	224.220	-	T100.0	
LAFOLLETTE	KA4OAK	224.280	-		
LAVERGNE	WR3S	224.360	-		☺
LEWISBURG	KF4TNP	224.100	-		
MADISONVILLE	KF4PVQ	224.180	-	T141.3	☺
MEMPHIS	W4ZJM	223.940	-	T*#	
MEMPHIS	W4BS	224.420	-		☺
MEMPHIS	WA4KOG	224.780	-		
MORRISTOWN	N4RBB	224.400	-		
MORRISTOWN	KC4RGQ	224.640	-		
MOUNTAIN CITY	K4DHT	224.280	-	T103.5	☺
MURFREESBORO	KD4TZZ	224.600	-	123.0	☺
NASHVILLE	WR3S	224.160	-		
#NASHVILLE	KC4TFQ	224.440	-	UNCOR	
NASHVILLE	WR3S	224.460	-		
NASHVILLE	K4ZGA	224.480	-		
NASHVILLE	WR3S	224.660	-		
NASHVILLE	N4PYI	224.740	-	T100.0	☺
NASHVILLE	KC4PRD	224.840	-		
NASHVILLE	WA4PCD	224.940	-	T	☺
NEWPORT	AC4JF	224.560	-	T100.0	☺
ONEIDA	KB4PNG	224.140	-		
ROGERSVILLE	KD4HZN	224.480	-		
S. PITTSBURG	WR3S	224.760	-		
SE NASHVILLE	WR3S	224.960	-		
SEVIERVILLE	N2FUV	224.440	-	T	
SEVIERVILLE	K4IBW	224.700	-	T100.0	
SEVIERVILLE	K4IBW	224.800	-		
SHORT MTN.	N4PYI	224.260	-	T114.8	☺
SMITHVILLE	WR3S	223.960	-		☺
SPRINGFIELD	KO4BN	224.220	-		
SPRINGFIELD	N8ITF	224.540	-		
SWEETWATER	WD9JGI	224.900	-	T127.3	

440 MHZ

ALAMO	K4WWV	443.750	+		☺
ALGOOD	N2BR	444.425	+	T88.5	
ARLINGTON	N4GMT	442.775	+	107.2	
ATHENS	KF4CFO	442.275	+	T141.3	☺
BARTLETT	K4VVM	443.700	+	T107.2	
BARTLETT	WA4PAJ	444.250	+		
BIG SANDY	W4TLB	443.600	+	114.8	
BLUFF CITY	KE4CCB	442.200	+	T100.0	
BLUFF CITY	KE4CCB	444.500	+	T77.0	
BRICK CHURCH	KF4TNP	443.100	+	T167.9	
BROWNSVILLE	KI4BXI	444.525	+	PROP	
CASTALIAN SPRING	KE4SWV	442.750	+	T123.0	☺
CENTERVILLE	AG4VW	443.700	+	PROP	
CENTERVILLE	AG4UW	444.700	+	T107.2	
CHAT/MNTLAKE MT	N4WT	444.875	+	T156.7	☺
CHAT/WALDEN	W4YI	442.425	+		
CHATT/EAST RIDGE	W4YI	444.900	+	PROP	
CHATT/HIXSON	N4WT	442.900	+		☺
CHATTANOOGA	WJ9J	442.150	+		
CHATTANOOGA	KT4OL	443.125	+	PROP	
CHATTANOOGA	KT4OL	443.125	+	PROP	
CHATTANOOGA	WB4LRD	443.550	+		
CHATTANOOGA	KD4HII	443.900	+	T	
CHATTANOOGA	W4AM	444.100	+		☺
CHATTANOOGA	KE4LQY	444.150	+		☺
CHATTANOOGA	KD4HII	444.200	+	T	
CLARKSVILLE	KA1FFO	442.900	+	110.9	
CLARKSVILLE	K4ORE	443.550	+	PROP	
CLARKSVILLE	KF4L	444.175	+	PROP	
CLARKSVILLE	WA4BZU	444.325	+	T107.2	
CLARKSVILLE	AC4RS	444.500	+	PROP	
CLARKSVILLE	N4PJX	444.950	+	PROP	
CLEVELAND	WD4DES	442.250	+	T118.8	☺
CLEVELAND	KD4NED	442.450	+	PROP	☺
CLEVELAND	W4RRG	442.675	+	T100.0	☺
CLEVELAND	W4GZX	444.275	+		☺
COLLEGEDALE	KA6UHV	443.575	+	T131.8	☺
COLLIERVILLE	KA7UEC	443.300	+	T107.2	☺
COLLIERVILLE	KA7UEC	443.625	+	T107.2	☺
COLLIERVILLE	WT4E	444.625	+	T107.2	
COLUMBIA	KG4LUY	442.725	+	100.0	☺
COLUMBIA	KF4TNP	443.525	+	PROP	
COLUMBIA	WA4AKM	444.925	+	T107.2	
CONCORD	KA4BNI	442.675	+	T131.8	
COOKEVILLE	WA4UCE	442.300	+	107.2	
COOKEVILLE	KG4WKL	443.525	+	91.5	
COOKEVILLE	K4DAV	444.500	+		
COOKEVILLE	KK4TD	444.550	+	T107.2	
COOKEVILLE	WA4PPL	444.600	+	T107.2	
CROSSVILLE	WO4U	443.875	+	T88.5	☺
CROSSVILLE	W4EYJ	444.950	+	T118.8	☺
DAYTON	KJ4BJ	442.075	+		
DEASON	WA4AWI	443.350	+	T107.2	
DECATUR	KE4MBR	442.725	+	PROP	
DOVER	N4VIH	444.925	+		
DRESDEN	KA4BNI	442.150	+	T131.8	
DRIPPING SPRING	N4PYI	443.925	+	PROP	
ELIZABETHTON	KN4E	442.750	+	T88.5	☺
EVA	AD4QG	443.625	+		
FISHERVILLE	KA4JXT	443.125	+	T	
FRANKLIN	N4ULM	443.850	+		
FRANKLIN	WC4EOC	444.025	+		☺
FRANKLIN	WA4AKM	444.725	+	T107.2	
GALLATIN	WD4BKY	444.000	+		
GALLATIN	WD4BKY	444.350	+	T114.8	
GALLATIN	W4CAT	444.450	+	T107.2	
GALLATIN	WA4AKM	444.775	+	T107.2	
GATLBG/COVE MT	WA4KJH	443.300	+	T100.0	☺
GATLINBURG	KD4PBC	443.150	+	PROP	
GATLINBURG	K4WYV	444.900	+	88.5	
GERMANTOWN	W2GLJ	444.175	+		
GLADEVILLE	KG4SFI	443.375	+	151.4	☺
GOODLETTSVILLE	KC4PRD	443.125	+	107.2	
GREENBRIER	WQ4E	444.250	+		☺
GREENEVILLE	W4WC	443.200	+	100.0	
GREENEVILLE	K4MFD	444.200	+	T173.8	☺
GREENEVILLE	WB4NKM	444.650	+	T100.0	☺
GREENEVILLE	K4GX	444.950	+	PROP	
GREENVILLE	N4FV	442.700	+	T100.0	
HARRIMAN	KC4WHL	442.875	+	T136.5	
HENDERSON	KE4PFW	442.275	+		
HENDERSON	KU4RT	442.575	+		
HENDERSON	K4TC	444.750	+	T	☺
HIXSON	KF4VWJ	444.750	+	PROP	
HOHENWALD	K4TTC	442.000	+		☺
HOHENWALD	WB4NNX	444.850	+	T100.0	☺
HORNBEAK	KA4BNI	442.400	+	T131.8	
HUNTINGDON	KB4YTM	444.375	+		
JACKSON	KA4BNI	442.425	+	T131.8	
JACKSON	KE4CES	442.900	+	T114.8	☺
JACKSON	KI4BMD	443.825	+	PROP	
JACKSON	KI4BMD	443.825	+	T114.8	
JACKSON	WB0TMC	444.725	+	T107.2	
JAMESTOWN	KC4MJN	443.625	+	T100.0	
JASPER	KD4XV	442.050	+	T127.3	☺
JEFFERSON CITY	KD4TUD	444.625	+	T	
JOHNSON CITY	WB4SQC	442.050	+	PROP	☺
JOHNSON CITY	KE4FH	444.100	+		
JOHNSON CITY/BUF	WD4ATV	421.250	+		
JOYNER	K4EAJ	444.400	+	T82.5	☺
KINGSTON	K4CRS	444.025	+		☺
KIRKLAND	WC4EOC	443.875	+		☺
KNOXVILLE	WB4HAP	442.500	+	T103.5	
KNOXVILLE	N4UAG	443.025	+		
KNOXVILLE	KA4AZQ	443.075	+	PROP	
KNOXVILLE	KD4CWB	443.500	+	T	
KNOXVILLE	KD4CWB	443.800	+	T100.0	
KNOXVILLE	KD4CWB	444.000	+	PROP	
KNOXVILLE	KN4QB	444.175	+	T203.5	
KNOXVILLE	W4NCS	444.225	+	100.0	☺
KNOXVILLE	WB4GBI	444.300	+		☺
KNOXVILLE	KB4KSL	444.325	+		
KNOXVILLE	KC4NNN	444.425	+	T	
KNOXVILLE	KB4REC	444.525	+	T100.0	
KNOXVILLE	KD4TZD	444.925	+		
KNOXVILLE/RACK	W4BBB	444.575	+	T100.0	☺
LAFAYETTE	KC4ECD	444.125	+	T107.2	☺
LAFOLLETTE	KB4OTK	443.700	+		☺
LAKE CITY	WD4LUR	442.800	+	T100.0	
LANEVIEW	KE4OVN	443.850	+	T107.2	
LAVERGNE	WR3S	443.975	+	T	
LEBANON	KW4LS	443.000	+	PROP	
LEBANON	WA4AWI	443.275	+	T107.2	
LEBANON	W4LYR	443.575	+	T100.0	
LEBANON	WA4AXH	444.275	+	T	
LENOIR CITY	KB9EBA	442.950	+	PROP	
LEWISBURG	KF4TNP	442.100	+	107.2	
LEXINGTON	KA4BNI	442.075	+	T131.8	
LEXINGTON	N5YKR	442.925	+	123.0	
LEXINGTON	WF4Q	444.550	+	PROP	☺

SYMBOLS: ☺ = Full Member SERA T=Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

TENNESSEE REPEATERS CONTINUE

LORETTO	KF4OCK	442.875	+	203.5	
MADISONVILLE	W3FCC	443.325	+	T141.3	☺
MARYVILLE	K4BTL	442.000	+		
MARYVILLE	KC4PDQ	444.075	+	100.0	
MARYVILLE	KF4VDX	444.700	+	T127.3	
MARYVILLE	KF4VDX	444.775	+	PROP	
MARYVILLE	KE4FGW	444.825	+	T100.0	☺
MCEWEN	KE4KNZ	443.925	+	T107.2	
MCKENZIE	KD4KPV	443.875	+		
MCMINNVILLE	WD4MWQ	444.850	+	T	
MEDINA	WA4BJY	442.050	+		
MEMPHIS	W4GMM	442.175	+	T107.2	☺
MEMPHIS	NU5O	442.575	+	77.0	☺
MEMPHIS	WB4EPG	442.625	+		
MEMPHIS	WF4G	442.825	+		
MEMPHIS	W4ZJM	443.000	+	T*#	
MEMPHIS	KA4JXT	443.100	+	T107.2	
MEMPHIS	W4BS	443.200	+	T107.2	☺
MEMPHIS	WA4QWW	443.400	+		
MEMPHIS	N4ER	443.950	+	T	☺
MEMPHIS	K4RDK	444.025	+		
MEMPHIS	KF4ATY	444.075	+	107.2	
MEMPHIS	KA4JXT	444.100	+	T	
MEMPHIS	KA4JXT	444.125	+	T107.2	
MEMPHIS	WA4KOG	444.400	+		
MEMPHIS	N4WAH	444.500	+	T	
MEMPHIS	WA5KUB	444.775	+	PROP	
MEMPHIS	K0JXI	444.800	+		
MEMPHIS	K5FE	444.825	+	107.2	
MEMPHIS	K7AG	444.850	+	T107.2	
MEMPHIS	WB4NNE	444.950	+		
MILAN	WD4PAX	442.100	+		☺
MILLERSVILLE	N8ITF	443.400	+	T	
MONTEAGLE MT.	NQ4Y	441.250	+	107.2	☺
MORRISTOWN	KG4GVX	444.600	+	PROP	
#MORRISTOWN	KD4LP	444.800	+	UNCOR	
MORRISTOWN	KQ4E	444.975	+	T	
MOUNTAIN CITY	K4DHT	443.925	+	T103.5	☺
MT JULIET	N4PYI	444.400	+	T	☺
MT JULIET	N4PYI	444.750	+	T156.7	☺
MT PLEASANT	KG4GCZ	443.175	+	107.2	
MURFREESBORO	KD4TZZ	441.875	+	107.2	☺
NASHVILLE	K1YJ	442.500	+	T107.2	☺
NASHVILLE	KB4ZOE	442.650	+	PROP	
NASHVILLE	KE4PJW	443.450	+	PROP	
NASHVILLE	W1ARN	443.725	+	T107.2	
NASHVILLE	KG4NRC	443.800	+	PROP	
NASHVILLE	N4PYI	444.050	+	T107.2	☺
NASHVILLE	AF4TZ	444.150	+	T107.2	☺
NASHVILLE	N4ARK	444.200	+	T	☺
NASHVILLE	N4ARK	444.225	+	T114.8	☺
NASHVILLE	WA4BZU	444.300	+	T107.2	
NASHVILLE	WA4BGK	444.525	+	T107.2	
NASHVILLE	WA4PCD	444.550	+		☺
NASHVILLE	WA4WCK	444.575	+	T	
NASHVILLE	WA4TOA	444.625	+	T107.2	☺
NASHVILLE	WA4PCD	444.675	+	T	☺
NASHVILLE	N4PYI	444.800	+	T110.9	☺
NASHVILLE	WA4AKM	444.875	+	T107.2	
NASHVILLE	WA4AKM	444.975	+	T107.2	
NEWBERN	N4ZKR	444.475	+	T107.2	☺
NOLENSVILLE	WA4AXH	443.650	+	T	
NUNNELY	KG4UHH	444.075	+		☺
OAKFIELD	WA4BJY	442.200	+	T	
ONEIDA	KT4PN	442.825	+		☺
PALMER	N4ZKR	444.700	+	T107.2	☺
PARIS	KC4YLL	442.950	+	123.0	
PARIS	AD4LR	443.675	+		
PIGEON FORGE	KD4CLA	444.350	+	T88.5	
PROSPECT	WA4AUX	444.600	+	T118.8	
PULASKI	WD4RBJ	442.150	+	118.8	☺
RCKWOOD/OZONE	WJ9J	442.225	+	131.0	
ROCKWOOD	KA4WJS	443.975	+		
ROGERSVILLE	K4GX	443.350	+	T	
SELMER	KA4BNI	442.800	+	T131.8	
SEVIER/PINE MT	K4WYV	441.825	+	PROP	
SEVIERVILLE	K4IBW	443.675	+	T100.0	
SEVIERVILLE	N4CKB	444.725	+	T146.2	☺
SEYMOUR	KF4DYE	443.375	+	PROP	
SHELBYVILLE	WA4PZN	442.700	+	T	
SHELBYVILLE	KC4KRM	443.825	+		
SHRT MT/MURFREB	W4CAT	444.650	+	T107.2	
SMITHVILLE	N4PYI	444.825	+	T107.2	☺
SODDY DAISY	WJ9J	444.450	+		
SOUTH PITTSBURG	W4RRG	444.000	+	PROP	
SPARTA	KR4BT	444.375	+	123.0	☺
SPENCER	KA4MHJ	443.775	+	123.0	☺
SPRINGFIELD	N8ITF	442.600	+		
SUMMITVILLE	N4ZKR	444.475	+	T107.2	☺
SWEETWATER	W3FCC	443.725	+	T	☺
TELLICO PLAINS	K4EZK	442.550	+	141.3	☺
TELLICO PLAINS	W3FCC	443.225	+	PROP	☺
TRI-CITIES	KD4PBC	443.150	+	PROP	
WATERTOWN	W4LYR	444.900	+	T100.0	
WAVERLY	NO4Q	442.225	+	110.9	
WHITE BLUFF	KG4HDZ	442.375	+	123.0	☺
WHITE HOUSE	W4KOC	443.900	+	T107.2	
WHITE OAK MT	WD4OAR	442.925	+	100.0	
WINCHESTER	W4UOT	443.950	+	T107.2	☺

900 MHZ

JACKSON	AF4ZR	919.500	-	PROP	
KNOX-SEVIERVILLE	KD4CWB	921.500	-	PROP	
LEWISBURG	KF4TNP	920.500	-		
MORRISTOWN	KQ4E	920.800	-		
NASHVILLE	K4ZGA	923.250	-		
SWEETWATER	W3FCC	920.900	-	PROP	☺

1270 MHZ

LEWISBURG	KF4TNP	1285.300	-		
MEMPHIS	N4HKS	1292.000	-		
NASHVILLE	WA4AKM	1284.400	-		
NASHVILLE	K1YJ	1286.000	-	T88.5	☺
NASHVILLE	KD4EEW	439.250	+		
SMITHVILLE	KB4ZOE	1286.500	-		

VIRGINIA

10 METERS

FANCY GAP	KE4QOX	29.660	-	T123.0	☺
STERLING PARK	KD4DN	29.680	-		

6 METERS

ALEXANDRIA	W4HFH	53.130	-		
AMELIA	WB3R	53.390	-		
AMELIA COURTHSE	KB4YKV	53.110	-		
BALD TOP MT	AD4CG	53.910	-		
BEDFORD/THNDR	N4TZE	53.770	-	T103.5	
BEDFRD/THAX MT	N4CH	53.150	-		☺
BLUEFIELD	N8RIG	53.370	-		☺
BULLRUN	K8GP	53.450	-		
CHESTERFIELD	KD4SUU	53.430	-		
DANVILLE(DCC)	WB4GJG	53.130	-	T	
FANCY GAP	WA4CQK	53.290	-	T100.0	
GATE CITY	N4WWB	53.210	-		
GUM SPRING	KB4MIC	53.070	-	203.5	☺
HAMPTON	WA4OHX	53.890	-		
LEXNGTN/ROCK MT.	KI4ZR	53.010	-		☺
LYNCHBURG	KE4KEH	53.570	-	103.5	☺
MCCLEAN	K6LEW	53.370	-		
NEWPORT NEWS	KT4QW	53.250	-	T100	☺
PEARISBURG	KE4JYN	53.470	-	T107.2	☺
RICE	KE4SFU	53.170	-		☺
ROANOKE	N4CH	53.250	-		☺
ROANOKE/POOR MT	WB8BON	53.090	-		☺
ROCKY MT/FERRUM	WD4KZK	53.270	-	T107.2	
VESTA	KG4KUA	53.430	-	PROP	
WHITE TOP MTN	KB4YFV	53.650	-		

2 METERS

ABINGDON	NM4L	147.345	+	T103.5	☺
ACCOMAC	K4BW	147.255	+	T156.7	
ALEXANDRIA	K4US	146.655	-		
ALEXANDRIA	W4HFH	147.315	+		
ALTAVISTA	WA4ISI	146.655	-		☺
AMELIA	WB3R	145.190	-		
AMELIA COURTHOUS	KB4YKV	147.210	+	PROP	
AMHERST	K4CQ	145.490	-	T136.5	
ARLINGTON	WB4MJF	145.150	-		
ARLINGTON	WB4MJF	145.470	-		
ARLINGTON	KF4JPC	146.625	-		
BASSETT	KF4RMT	145.170	-	PROP	
BEDFORD	N4CH	145.230	-		☺
BEDFORD	WB4JBJ	147.105	+		
BEDFRD/APL ORCH	WA1ZMS	146.685	-	T100.0	☺
BIG "A" MTN	KD4TC	146.805	+	T103.5	☺
BLACKSBURG	W9KIC	146.715	-		
BLAND	N4AZJ	145.350	-	T103.5	☺
BLUEFIELD	KD8XK	145.250	-	T100.0	☺
BLUEFIELD	W8MOP	145.490	-		☺
BLUEFIELD/ONEIDA	WZ8E	146.955	-	100.0	
BLUEMONT	WA4TSC	147.300	+		
BOYDTON	KD4ZTK	147.240	+		
CARBO	KK4MW	147.075	-		
CHARLOTTESVILLE	WA4TFZ	146.760	-	T151.4	☺
CHARLOTTESVILLE	N4RAG	146.895	-	T131.8	
CHARLOTTESVILLE	WA4TFZ	146.925	-	T151.4	☺
CHESAPEAKE	W4CAR	146.610	-		☺
CHESAPEAKE	N4SD	146.790	-		
CHESAPEAKE	W4CAR	146.820	-	T162.2	☺
CHESTERFIELD	KD4KWP	145.310	-	127.3	☺
CHESTERFIELD	KA4CBB	147.360	+		☺
CLINCHCO	KB4RFN	147.150	+	T88.5	
#CLINCHCO	WD4CYZ	147.255	+	UNCOR	
COEBURN	AD4OV	145.430	-	103.5	☺
COLONIAL HEIGHTS	KE4EUE	145.390	-	T	☺
COVINGTON	WA4HTI	146.805	-		☺
CULPEPER	AF4CY	145.410	-		
CULPEPER	W4CUL	147.120	+		
DANVILE/WHT OAK	K4AU	146.700	-	107.2	
DANVILLE(DCC)	WB4GJG	146.925	-	T88.5	
DUBLIN	W4CBM	146.670	-		
DULLES AIRPORT	W4DLS	145.310	-		
EASTVILLE	KC4KMY	147.345	+	T156.7	
ELK CRK/IRON MT	N4MGQ	147.240	+	T107.2	
ENON	WB4VWR	147.060	+	T107.2	
FAIRFAX	K4KXK	146.790	-		
FANCY GAP	NC4BL	146.970	-	T100.0	☺
FARMVILLE	KE4ZBH	145.330	-		
FARMVILLE	KE4ZBH	146.910	-		
FARMVILLE	N4CFA	146.955	-	T136.5	☺
FINCASTLE	W4WIC	146.640	-		
FOREST	AG4AN	146.775	-	PROP	
FRANKLIN	W4LG	147.300	+	T131.8	☺
FREDERICKSBUR	K4TS	147.015	+		
GALAX/BRIRP MT	W4BRC	147.090	+		☺
GARRISONVILLE	N4NW	145.270	-		
GATE CITY	N4WWB	146.820	-	T	
GLOUCESTER	W4HZL	145.370	-	T	☺
GOOCHLAND	N4TZE	147.090	+		
GREENBAY	K4ARO	145.150	-		
GRUNDY	K4HWQ	147.315	+		
GRUNDY/BIG A MT	KK4EH	146.835	-		☺
GUM SPRING	WB4IKL	147.270	+	203.5	☺
HAMPTON	WA4OHX	145.490	-		
HAMPTON	KG4NJA	146.670	-	173.8	☺
HAMPTON	W4QR	146.730	-		
HAMPTON	KA4VXR	147.225	+	T136.5	
HARRISONBURG	N4YET	145.130	-		
HARRISONBURG	N4RAG	146.895	-		
HARRISONBURG	N4RAG	147.225	+		
HARRISONBURG	N4YET	147.315	+		
HIGH KNOB MT	K4QZJ	145.210	-		
JARRATT I-95	K4SVA	146.625	-	T100.0	☺
KILMARNOCK	W4GSF	146.835	-	173.8	☺
KINGS CROSSING	N5GQD	147.150	+		
LEXINGTON	KI4ZR	147.300	+		☺
LEXNGTN/ROCK MT.	KI4ZR	147.330	+		☺
LURAY	KE4JSV	147.030	+		
LYNCHBURG	KC4RBA	145.370	-	186.2	☺
LYNCHBURG	W4WWQ	146.610	-	136.5	
LYNCHBURG	AB4M	147.015	-	T131.8	☺
LYNCHBURG	KE4VNN	147.165	+	PROP	
LYNCHBURG	WA4RTS	147.195	+	T136.5	
MANASSAS	W4OVH	146.970	-		
MARION	WB3T	145.270	-	103.5	☺
MARION	N4QLF	146.640	-	T103.5	
MARTINSVILLE	KF4KVG	147.285	+	T107.2	
MCLEAN	W4CIA	147.210	+		
MECHANICSVILLE	W4TTL	146.805	-	PROP	
MONTEREY	WD4ITN	147.180	+	T100.0	☺
MONTPELIER	KQ4RH	145.250	-	T	
MOUNTAIN LAKE	WZ8E	146.865	+	110.9	
MT.LAKE/BALD KNB	K4TUE	146.910	-	107.2	☺
NEWMARKET	W3MMC	146.625	-		
NEWPORT NEWS	W4MT	145.230	-	T100.0	☺
NEWPORT NEWS	W4CM	147.165	+		
NORFOLK	WA4ZUA	145.170	-	136.5	
NORFOLK	W4VB	145.330	-	131.8	☺
NORFOLK	AD4ZK	147.075	+		
NORTON	KG4VFO	146.865	-	T103.5	
NORTON/HIGH KNB	K4AXO	147.015	-	T88.5	
PAGECO	KD4DDI	146.670	-		
PATRICK SPRINGS	WG8S	147.120	+	T107.2	☺
PATRICK SPRINGS	NJ1K	147.150	+	T107.2	☺
PEARISBURG	N4AZJ	147.135	+	T100.0	☺
PEARISBURG	W4NRV	147.375	+	T100.0	☺
PETERSBURG	KE4SCS	146.985	-	T127.3	☺
PETERSBURG	K4ARO	147.390	+	PROP	☺
PKS KB/PULASKI	N4NRV	147.180	+	T103.5	☺
PORTSMOUTH	W4POX	146.700	-	PROP	
PORTSMOUTH	W4POX	146.850	-		
POWHATAN	KC4NSE	147.210	-	82.5	☺
QUANTICO	#W4NFR	147.345	+		
RADFORD/RINER	N3ZE	145.150	-		☺
RICHMOND	K4YPE	145.110	-		
RICHMOND	W4SQT	145.430	-		☺
RICHMOND	WB4QEY	146.640	-		
RICHMOND	W4RAT	146.880	-	74.4	☺
RICHMOND	W4ZA	146.940	-		☺
RICHMOND	WA4JST	147.030	-		
RICHMOND	KC4VDZ	147.135	+	T107.2	☺
RICHMOND	W4VCU	147.180	+	PROP	☺
RICHMOND	K4RKO	147.255	+	100.0	
ROANOKE	N2EDE	145.210	-	T107.2	☺
ROANOKE	KA4THY	145.450	-	PROP	
ROANOKE	N4AP	146.940	-		
ROANOKE/POOR MT	K4ARO	145.390	-	T107.2	
ROANOKE/POOR MT	K4ROA	146.745	-	T107.2	
ROANOKE/POOR MT	W4CA	146.985	-		
ROANOKE/POOR MT	KB4QWO	147.270	+		
RUSTBURG	N4UTN	145.290	-	T	
RUSTBURG/LONG MT	N4UTN	146.835	-	T173.8	
SALEM	WA4V	146.880	-		
SALUDA	AA4HQ	145.450	-		☺
SMITHFIELD	WT4RA	147.195	+	T100.0	☺
SOUTH BOSTON	W4HCH	145.350	-		
SOUTH BOSTON	KF4AGO	147.060	-		
SOUTH HILL	N4ZCM	145.470	-		
SOUTH HILL	W4CMH	147.240	+	PROP	☺
SPOTSYLVANIA	K4MQF	146.775	-		
STAUNTON	KD4WWF	146.700	-	T131.8	
STAUNTON	WA4ZBP	146.850	-	T131.8	
STAUNTON	W4WRN	146.970	-		
STAUNTON/EL.KB	KE4CKJ	147.045	+	T131.8	☺
STERLING	WA4TXE	146.700	-		
STUARTS DRAFT	KB4OLM	147.360	+		

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . continue!

VIRGINIA REPEATERS CONTINUE

SUFFOLK	W4LG	147.000	-	T100.0	☺
TYSONS CORNER	KF4QQP	146.910	-		
VIENNA	K4HTA	146.685	-		
VIRGINIA BEACH	WA4KXV	146.895	-		☺
VIRGINIA BEACH	WA4KXV	146.970	-		☺
VIRGINIA BEACH	WA4SBC	147.045	+		
WALKERTON	W4TTL	146.715	-		
WARRENTON	KB3BOI	145.350	-		
WARRENTON	NZ4N	147.165	+		
WARSAW	KA4ZIP	147.285	+		
WAYNESBORO	W4PNT	147.075	+		☺
WILLIAMSBURG	KF4ADM	145.410	-	127.3	☺
WILLIAMSBURG	KB4ZIN	146.760	-		☺
WILLIAMSBURG	KB4ZIN	147.105	+		☺
WINCHESTER	KB3BOI	145.350	-		
WINCHESTER	W4RKC	146.820	-		
WOODBRIDGE	W4IY	147.240	+		
WYTH/WALKER MT	WB3T	146.895	-	T103.5	☺
WYTHEVILLE	WB3T	146.775	-	T107.2	☺

220 MHZ

ARLINGTON	WB4MJF	224.060	-		
ARLINGTON	WB4MWF	224.620	-		
BEDFORD	N4PLV	224.840	-		
BEDFRD/APL ORCH	WA1ZMS	224.180	-	T100.0	☺
BELL KNOB	WD4KHP	224.440	-		
BERRYVILLE	WD4KHP	224.400	-		
BERRYVILLE	WD4KHP	224.740	-		
BLUEFIELD	N8FWL	224.440	-	T123.0	☺
BLUEFIELD	WA8O	224.920	-		
BLUEMTN	KF4VED	224.160	-		
BRUMLEY MTN	K4YW	224.100	-	PROP	☺
CHARLOTTESVILLE	N4HRV	224.140	-	T88.5	
CHARLOTTESVILLE	WA4TFZ	224.760	-		☺
CHESAPEAKE	W4LG	224.980	-		☺
DELTAVILLE	AA4HQ	224.900	-		☺
FAIRFAX	WB4YHD	224.100	-		
FANCY GAP	K4DQ	224.880	-	T100.0	
GLOUCESTER	W4GSF	224.620	-		☺
HAMPDEN-SYDNEY	W4JAS	224.200	-		
HAMPTON	WB4PVT	224.540	-	T100.0	☺
HARRISONBURG	N4YET	224.820	-		
HAYMARKET	WD4KHP	224.420	-		
HAYMARKET	WD4KHP	224.720	-		
LAKE GASTON	W4LG	224.600	-		☺
LEESBURG	N0NW	224.020	-		
LOVETTSVILLE	WB4FUJ	224.460	-		
LURAY	KE4JSV	224.360	-		
LYNCHBURG	AB4M	224.280	-		☺
MANASSAS	W4OVH	224.660	-		
MARTINSVILLE	K4RCA	224.500	-		☺
NORFOLK	KC4JGC	224.740	-	T100.0	
NORTON/HIGH KNB	WD4GSM	224.420	-		
PATRICK SPRINGS	WG8S	224.420	-	T103.5	☺
PEARISBURG	KQ4Q	224.860	-	107.2	
PETERSBURG	K4ARO	224.700	-		
RIDGEWAY	WS4W	224.380	-	T	
ROANOKE	N4CH	224.100	-		☺
ROANOKE	N2EDE	224.940	-	T107.2	☺
ROANOKE/TINKER	K4YDG	224.900	-		
STAUNTON/EL KNOB	KE4CKJ	224.300	-	T131.8	☺
TYSONS CORNER	KM4OI	224.340	-		
TYSONS CORNER	WD4KHP	224.420	-		
WAYNESBORO	KA4RCL	224.680	-	T131.8	
WINCHESTER	N3HXT	224.220	-		
WOODBRIDGE	W4IY	224.780	-		
WYTHEVILLE	K4YW	224.560	-	T77.0	☺

440 MHZ

ABINGDON	KB8KSP	442.975	+	T100.0	
ABINGDON	WB3T	444.025	+	T103.5	☺
ACCOMACK	K4BW	444.300	+	T156.7	
ALTAVISTA	WA4ISI	444.425	+	100.0	☺
AMELIA	KB4YKV	443.200	+		
ARLINGTON	KD4DSX	448.625	-		
ARLINGTON	W8HNT	449.325	-		
ARLINGTON	WB4MJF	444.150	+		
ARLINGTON	K4AF	444.550	+		
#ASHBURN	KQ4CI	448.825	-	UNCOR	
#ASHBURN	KQ4CI	442.100	+	UNCOR	
BASSETT	KF4RMT	442.725	+	T107.2	☺
BEDFORD	N4CH	444.350	+		☺
BEDFRD/APL ORCH	WA1ZMS	442.650	+	T100.0	☺
BEDFRD/APL ORCH	WA1ZMS	443.800	+	T100.0	☺
BELL KNOB	WD4KHP	449.825	-		
BERRYVILLE	WB2KPH	447.475	-		
BIG A MTN	KB4WTP	444.875	+		☺
BLUEFIELD	W8MOP	442.450	+		☺
BLUEFIELD	W8MOP	444.450	+		☺
BLUEFIELD	WZ8E	444.625	+		
BLUEMONT	WA4TSC	449.925	-		
BLUEMONT	WA4TSC	449.925	-		
BULL RUN MT	WA3KOK	447.775	-		
CHARLOTTESVILLE	KF4UCI	442.075	+	151.4	
CHARLOTTESVILLE	WA4TFZ	444.250	+	T151.4	☺
CHESAPEAKE	W4CAR	444.000	+	T162.2	☺
CHESTER	WB4VWR	444.200	+	PROP	
CHESTERFIELD	WA3KOK	433.075	+	PROP	
CHESTERFIELD	KA4CBB	442.150	+		☺
CHESTERFIELD	WA3KOK	442.450	+	PROP	
CHRISTIANSBURG	WD4BSB	444.650	+	PROP	
COPPER RIDGE	KB4WTP	444.550	+	PROP	☺
COVINGTON	WA4PGI	442.250	+	T100.0	☺
DALE CITY	N8BOR	443.100	+		
DALEVILLE	K4IJ	444.475	+	PROP	
DANVILE/WHT OAK	K4AU	444.700	+	107.2	
DANVILLE	KQ4I	443.850	+		☺
DISMAL PEAK	WB3T	443.325	+	T103.5	☺
FAIRFAX	K4HTA	448.375	-		
FAIRFAX	WD4KHP	449.775	-		
FALLS CHURCH	WB4UNB	447.425	-		
FALLSCHURCH	KF4LWJ	444.300	+		
FANCY GAP	WD4ICX	433.200	+		
FANCY GAP	WB3T	444.050	+	T103.5	☺
FANCY GAP	N4OWU	444.375	+	T107.2	
FANCY GAP	WA4CQK	444.900	+	T100.0	
FANCY GAP	KD4FWS	444.925	+	100.0	
FOREST	AG4AN	442.475	+	PROP	
FRANKLIN	KG4BKI	444.825	+	131.8	☺
FRONT ROYAL	N4MKH	449.225	-		
GASBURG	W4LG	442.000	+		☺
GATE CITY	N4WWB	444.700	+		
GLOUCESTER	N4XND	421.250	+		
GRETNA/SMITH MT	KD4TBC	444.075	+	T123.0	
GUM SPRING	KB4MIC	442.800	+	203.5	☺
HAMPTON	KG4NJA	443.650	+	PROP	☺
HAMPTON	WA4OHX	443.750	+	100.0	
HAMPTON	W4QR	444.550	+	T167.9	
HARRISONBURG	N4YET	444.600	+		
HAYMARKET	KT4ER	448.325	-		
HAYMARKET	N3AUY	449.025	-		
HERNDON	N4LXI	443.000	+		
HIGHKNOB	N1TXI	447.725	-		
HILLSVILLE	KB4YFV	442.125	+	T103.5	
HILLSVILLE	KB4GHT	442.325	+	PROP	
INDEPENDENCE	W4RCT	443.375	+	T103.5	☺
#ITINERANT	N4NSP	440.750	+	UNCOR	☺
JONESVILLE	WB4IVB	442.575	+	T100.0	
LEXINGTON	KI4ZR	444.300	+		☺
LEXNGTN/ROCK MT.	KI4ZR	444.150	+		☺
LORTON	WD4KHP	449.725	-		
LYNCHBG/JACK MT.	KF4YI	442.400	+	T107.2	
LYNCHBRG/TOB MT	K4CQ	444.500	+	T136.5	
LYNCHBURG	K4CQ	420.050	+	136.5	☺
LYNCHBURG	K4CQ	923.250	-		
LYNCHBURG	KE4VNN	442.350	+	T136.5	
LYNCHBURG	AB4FU	442.950	+	T	
LYNCHBURG	KC4RBA	443.450	+	186.2	☺
LYNCHBURG	N4TZE	444.000	+	T103.5	
LYNCHBURG/T.ROW	N4IFC	442.200	+	T103.5	
MADISON	N8HON	444.400	+		
MANASSAS	W4OVH	442.200	+		
MARION	WB3T	443.125	+	T103.5	☺
MARTINSVILLE	KF4RMT	443.825	+	T107.2	☺
NEWPORT	K4TUE	441.950	+	PROP	
NEWPORT NEWS	W4MT	442.900	+	T100.0	☺
NORFOLK	W4VB	442.950	+	131.8	☺
NORFOLK	AD4ZK	444.475	+	T127.3	
NORFOLK	WD4MIZ	444.675	+	T107.2	
OILVILLE	KB4MIC	444.800	+	203.5	☺
PATRICK SPRINGS	WG8S	443.175	+		☺
PATRICK SPRINGS	KC3FB	443.750	+	T77.0	
PEARISBURG	K4IJ	444.675	+	PROP	
PEARISBURG	N4AZJ	444.975	+	T103.5	☺
PETERSBURG	K4ARO	442.600	+		
PETERSBURG	WB4KZI	443.825	+		
PETERSBURG	K4SRM	444.900	+	PROP	☺
POPS PEAK	N4JNE	441.700	+	PROP	
PORTSMOUTH	W4POX	443.800	+		
POUND	KF4VDF	444.850	+	T103.5	☺
POWHATAN	KN4YM	443.100	+		☺
#PRINCE GEORGE	W4RDF	444.275	+	UNCOR	
PULASKI	WS4J	442.775	+	T91.5	☺
QUANTICO	N3QEM	447.975	-		
RICHMND/CHLTVL	N4EHJ	444.650	+		☺
RICHMOND	WA4AYB	441.600	+	PROP	
RICHMOND	KC4VDZ	442.300	+	T114.8	☺
RICHMOND	W4RAT	442.550	+	74.4	☺
RICHMOND	AB4SF	444.850	+	T	☺
RICHMOND	W4VCU	444.975	+	PROP	☺
ROANOKE	K4IJ	441.775	+	T	
ROANOKE	K4ARO	442.600	+	T	
ROANOKE	W7CP	442.700	+	T	
ROANOKE	K4IJ	444.275	+	PROP	
ROANOKE	WB3T	444.325	+	T103.5	☺
ROANOKE/MILL MT	WD4KZK	442.750	+	T107.2	
ROANOKE/POOR MT	W4CA	442.500	+		
ROANOKE/POOR MT	N3ZE	442.850	+		
ROANOKE/POOR MTN	KS4KX	443.675	+	T	
ROANOKE/POOR MTN	K4IJ	444.175	+	T103.5	
ROANOKE/READ MT	WD4KZK	444.850	+	T107.2	
ROANOKE/TINKER M.	WB8BON	444.925	+		☺
SILER	WA4RS	449.175	-		
SLINGS GAP	WD4KZK	444.775	+	T107.2	
SOUTH BOSTON	KF4AGO	443.925	+		
SOUTH BOSTON	W4HCH	444.625	+		
SOUTH HILL	KD4MJO	443.525	+	100.0	☺
SOUTH HILL	W4CMH	444.125	+	PROP	☺
SPOTSYLVANIA	N2XHZ	447.875	-		
SPOTSYLVANIA	KD4QNA	442.700	+		
SPOTSYLVANIA	K4MQF	442.850	+		
STAFFORD	K4HR	444.450	+		
STAUNTON	WA4ZBP	444.825	+	T131.8	
STAUNTON/EL KNOB	KE4CKJ	444.100	+	T131.8	☺
STERLING	WA4TXE	442.100	+		
STUARTS DRAFT	KB4OLM	444.050	+		
TYSONS CORNER	KA3RQR	447.025	-		
TYSONS CORNER	KM4FI	443.500	+		
VIENNA	N4KOU	444.850	+		
VIRGINIA BEACH	WA4KXV	444.950	+		☺
WAYNESBORO	N3XA	426.250	+		
WAYNESBORO	KF4UCI	444.775	+	T151.4	
WHITETOP MT	KM4X	443.000	+	T103.5	☺
WILLIAMSBURG	KB4ZIN	444.100	+		☺
WILLIS	W4DUM	443.875	+		
WINCHESTER	W4RKC	448.775	-	146.2	☺
WINCHESTER	W4RKC	448.775	-		
WINCHESTER	W3CSG	442.000	+		
WINTERGREEN	K4CQ	444.550	+	T136.5	
WOODBRIDGE	W4IY	444.900	+		
WYTHE/WALKER MT	WB3T	442.000	+	T103.5	☺
WYTHEVILLE	K4IJ	442.075	+	T107.2	
WYTHEVILLE	W4VSP	442.175	+	T103.5	☺
WYTHEVILLE	WB3T	442.525	+	103.5	☺

900 MHZ

ALEXANDRIA	WA4CCF	919.600	-		
BEDFRD/APL ORCH	WA1ZMS	921.100	-	T100.0	☺
CULPEPER	KA4DCS	919.400	-		
FANCY GAP	N4JNE	927.4875	-	T100.0	
LYNCHBRG/TOB MT	K4CQ	921.000	-	T100.0	
ROANOKE/POOR MT	WD4KZK	919.500	-	107.2	
ROANOKE/POORE MT	KE4NYV	927.5125	-		
TYSONS CORNER	K6LEW	919.500	-		
WOODBRIDGE	KA4DCS	919.800	-		

1270 MHZ

BEDFRD/APL ORCH	WA1ZMS	1283.100	-	T100.0	☺
ROANOKE/POOR MT	N4CH	1291.020	-		☺

2.4GHz

BEDFRD/APL ORCH	WA1ZMS	2411.600	+		☺

WEST VIRGINIA

10 METERS

BECKLEY	KA8OTX	29.620	-		
BECKLEY	KE4QOX	29.680	-	T88.5	☺
CHARLESTON	WB8CQV	29.640	-	203.5	
RICHWOOD	WA8YWO	29.660	-	T100.0	

6 METERS

ALDERSON	KC8AFH	53.230	-	T123.0	
BECKLEY	N8FWL	53.170	-	T123.0	☺
BECKLEY	WB8YST	53.590	-	T107.2	☺
BELINGTON	N8SCS	53.650	-	PROP	
CHARLESTON	WB8YST	53.630	-	T107.2	☺
CULLODEN	KC8POU	53.030	-	PROP	☺
FLATWOODS	N8CQQ	53.110	-	PROP	
GASSAWAY	AB8WB	53.210	-	T123.0	
KENOVA	KC8PFI	53.870	-	91.5	
LEWISBURG	KC8LRN	53.930	-	T131.8	
MARMT/CHARLSTN	N8PEI	53.750	-	T141.3	
RICHWOOD	WB8YST	53.710	-	T107.2	☺
RICHWOOD	WA8YWO	53.830	-	T100.0	☺
SHIRLEY	KB8TJH	53.310	-		
SNOWSHOE	KC8CSE	53.330	-	T156.7	

2 METERS

AMBER RIDGE	KB8NJH	147.210	+	T107.2	☺
ANSTED	N8WBR	146.790	-	156.7	
BECKLEY	N8FWL	147.360	+	T123.0	☺
BECKLEY/BOLT MT	WV8B	145.170	-	T100.0	☺
BECKLEY/EOC	WV8BD	145.370	-		☺
BECKLEY/FLAT TOP	WV8BD	146.850	-		☺
BECKLEY/LAYLAND	N8FCJ	145.310	-	T100.0	☺
BECKLEY/OAK HILL	N8FWL	145.230	-	T100.0	☺
BERKELEY SPRINGS	KK3L	146.745	-		
BIRCH RIVER	N8FMD	145.270	-	T103.5	
BRIDGEPORT	WB8DKM	147.120	+	T	
BUCKHANNON	N8FHE	145.410	-		☺
BUCKHANNON	N8ZAR	146.850	-		
BUCKHANNON	N8ZAR	147.060	+	123.0	
CAPON MT	N8YIB	147.435	-		
CHARLESTON	W8GK	145.350	-	91.5	☺
CHARLESTON	WB8YST	145.430	-	T107.2	☺
CHARLESTON	WB8CQV	146.820	-	T203.5	
CHARLESTON	W8XF	147.000	-	T91.5	☺
CHARLESTOWN	N8EIV	146.985	-		
CLARKSBURG	N8FMD	146.685	-	T103.5	
CLARKSBURG	N8FMD	147.210	+	T103.5	
COWEN	KC8ECX	146.835	-	110.9	
DANVILLE	WB8NAM	146.685	-	T	
DAVIS	KE8MR	147.135	+	T103.5	
ELKINS	N8FMD	145.230	-	T103.5	
ELKINS	KB8BWZ	146.775	-		

SERA REPEATER LISTINGS - BY STATE - BY CITY . . . conclude!

WEST VIRGINIA REPEATERS CONTINUE

FAIRMONT	W8SP	145.350	-	T103.5	
FENWICK	KD8AB	146.940	-		
FLAT TOP/WINTRPL	WV8B	146.625	-	T100.0	☺
FLATWOODS	N8ZPX	146.655	-	T123.0	
FRANKLIN	W3RUA	147.345	+		☺
FROST	N8RV	145.110	-	107.2	☺
GASSAWAY	WB8MZI	146.610	-		
GASSAWAY	AB8WB	147.240	+	T123.0	
GLENVILLE	N8OYY	145.130	-	103.5	
GLENVILLE	WB8WV	145.290	-	91.5	
GRAFTON	K8VE	146.820	-	T103.5	☺
GRAFTON	WD8LNB	147.375	+	118.8	☺
HARISVL/PENSBRO	WB8NSL	147.300	+	T107.2	
HARPER'SFERRY	KB3BOI	145.350	-		
HINTON	KC8CNL	147.255	+	100.0	☺
HUNTINGTON	WB8FEQ	145.210	-	162.2	
HUNTINGTON	W8VA	146.760	-	T131.8	☺
HUNTINGTON	N8OLC	146.985	-	131.8	☺
HUNTINGTON/CHAS	N8HZ	146.640	-		☺
IAEGER	N8SNW	146.655	-	T100.0	
KEYSER	N8RCG	147.390	+	123.0	☺
#LENORE	AI4UK	145.390	-	UNCOR	
LEON	WD8OHX	147.180	+		
LEWISBURG	WB8SPW	146.730	-	T100.0	
LEWISBURG	N4RAG	146.760	-	T131.8	
LEWISBURG	WV8D	147.390	+	T100.0	
LOGAN SOUTH	NV8H	147.195	+	100.0	
LOGAN/SUMERCO	KB8QXP	147.345	+	T100.0	
LOGAN/WRD RK MT	KC8CPK	146.970	-	T100.0	
MADISON	WB8NAM	147.120	+	T	
MARLINTON	N4RAG	147.090	+	131.8	
MARTINSBURG	WA8FSE	145.150	-		
MARTINSBURG	WB8YZV	147.255	+		
MARTINSBURG	K3MAD	147.345	+		
MCMECHEN	N8BQ	146.910	-		☺
MIDDLEBOURNE	WV8TC	147.360	+	T110.9	
MOOREFIELD	KD4SZR	145.190	-		
MORGANTOWN	K8LG	145.430	-		
MORGANTOWN	W8CUL	146.760	-	103.5	☺
MORGANTOWN	KE8MR	147.075	+	T103.5	
MT. ZION	N8LGY	145.450	-	T107.2	☺
MULLENS	KC8IT	147.030	+		
NEW MARTINSVILE	KF8LL	146.985	-		☺
OAK HILL	KC4AFH	147.075	-	100.0	
PARKERSBURG	WV8G	145.490	-		
PARKERSBURG	WC8EC	147.255	+	131.8	☺
PARKERSBURG	WD8CYV	147.390	+	T141.3	
PARKERSBURG (OH)	N8NBL	146.970	-		
PARSONS	K8VNQ	145.370	-	T118.8	☺
PHILIPPI	K8VE	145.150	-	103.5	☺
PINEVILLE	W8LG	147.285	+		
PRINCETON	KA8PNC	147.060	-		☺
PRINCETON	WB8NRK	147.225	+	T114.8	☺
PRINCETON/PIPEST	WD8OGY	146.925	-		
RAVENSWOOD	WD8JNU	146.670	-		
RED HOUSE	WV8AR	145.410	-	T123.0	☺
RICHWOOD	WB8YJJ	145.190	-	T	
RICHWOOD	AA8TH	147.015	+	T	
RICHWOOD	KB8YDG	147.150	+	T100.0	☺
ROCKPORT	KC8TLG	147.135	+	T123.0	
SALT ROCK	K8SA	145.110	-	T110.9	
SCOTT DEPOT	WV8AR	147.270	+	123.0	☺
SHADY SPRING	KC8AFH	146.700	-	PROP	
SHIRLEY	KB8TJH	145.310	-	T	
SKYLINE	K7SOB	147.360	+	T127.3	
SO. CHARLESTON	WB8CQV	146.880	-	203.5	
SPENCER	KA8AUW	147.105	+	100.0	☺
SPRUCE KNOB	N8HON	147.285	+		☺
ST.MARYS/BENS RG	WB8ECC	147.030	+		
SUMMERSVILLE	N8YHK	145.470	-	100.0	
TERRA ALTA	KC8KCI	147.000	+	T103.5	☺
UNION	W8IFL	145.410	-	T100.0	
WEBSTER SPRINGS	K8VE	146.895	-	T123.0	☺
WEIRTON	W8CWO	146.940	-		
WELCH	WV8ED	145.450	-	100.0	☺
WESTON	WD8EOM	145.390	-		
WESTON	KA8TCF	147.165	+		
WESTON	K8VE	147.330	+	PROP	☺
WHEELING	KA8YEZ	145.190	-	156.7	☺
WHEELING	W8ZQ	146.760	-		
WILLIAMSON	WR8M	145.330	-	T100.0	☺

220 MHZ

ANSTED	N8FWL	224.840	-	123.0	☺
BECKLEY	N8FWL	224.240	-	T123.0	☺
BECKLEY - SOUTH	N8FWL	224.740	-	123.0	☺
BECKLEY - WEST	N8FWL	224.540	-	T123.0	☺
BECKLEY/OAK HILL	N8FWL	224.340	-	T123.0	☺
BERKELEY SPRINGS	KA3VLG	224.700	-		
CHARLESTON	WB8YST	224.360	-	107.2	☺
CHARLESTON	WS8L	224.700	-	T123.0	☺
CRAIGSVILLE	KC8LRN	224.480	-	T91.5	☺
FLAT TOP/WINTRPL	WV8B	224.120	-	100.0	☺
GREENBANK	KC8CSE	224.560	-	123.0	
HILLSBORO	KC8LRN	224.220	-	T91.5	☺
HINTON/BECKLEY	N8FWL	224.640	-	T123.0	☺
#LEON	WD8OHX	223.780	-	UNCOR	
LEWISBURG	N8FWL	224.140	-	T123.0	☺
LEWISBURG	KC8LRN	224.800	-	T131.8	☺
SLATY FORK	KC8LRN	224.720	-	91.5	☺
SUTTON	W8COX	224.400	-	T123.0	
WILLIAMSON	WR8M	224.140	-		☺

440 MHZ

ALDERSON/SAM BLK.	N8LVE	444.400	+	T100.0	
BECKLEY	N8FWL	443.050	+	T123.0	☺
BECKLEY	N8LVE	444.125	+	T	
BECKLEY/BOLT	W8LG	443.225	+		
BECKLEY/OAK HILL	WB8YST	444.525	+	T110.9	☺
BECKLEY/OAK HILL	WV8B	444.800	+	100.0	☺
BECKLY/OAK HILL	KE4QOX	443.100	+	T107.2	☺
BELINGTON	N8SCS	444.900	+	141.3	☺
BERKELEY SPRINGS	WA3KOK	442.450	+		
BLUEFIELD	WZ8E	443.625	+	100.0	☺
BUCKHANNON	N8ZAR	444.250	+		
BUCKHANNON	K8VE	444.475	+	T146.2	☺
CHAPMANVILLE	W8CH	442.475	+	PROP	
CHARLESTON	KB8QKM	442.925	+	71.9	
CHARLESTON	WS8L	443.300	+	T123.0	☺
CHARLESTON	WV8AR	444.225	+	T123.0	☺
CHARLESTON	WB8YST	444.350	+	T107.2	☺
CHARLESTON	N8RKU	444.825	+	T123.0	
CLARKSBURG	N8FMD	444.175	+	T103.5	
CRAIGSVILLE	KC8SDN	443.650	+	T123.0	☺
CROSS LANES	KC8RRI	444.400	+	PROP	
DANS MT	N8YIB	145.330	+		
DUNMORE	KC8CSE	444.275	+	123.0	
ELKINS	N8RLR	444.850	+	T162.2	
FAIRMONT	W8SP	443.875	+		
FLATWOODS	KC8SDN	443.075	+	123.0	☺
FLATWOODS	W8FES	444.200	+		
GASSAWAY	AB8WB	444.675	+	T123.0	
GILBERT	KB8PCW	442.725	+	T	
GLENVILLE	KA8ZXP	444.325	+		
GRAFTON	WD8LNB	444.750	+	PROP	
HERNSHAW	WB8CQV	444.700	+	203.5	
HINTON	KC8CNL	443.900	+	PROP	
HUNTINGTON	WA4GSS	421.250	+		
HUNTINGTON	N8HZ	443.000	+		☺
HUNTINGTON	KB8TGK	443.850	+	T88.5	
HUNTINGTON/CHAS	WB8ZER	444.850	+	T131.8	
HURRICANE	K8WRF	444.075	+		
KENOVA	KC8PFI	443.600	+	162.2	
KEYSER	N8RCG	444.125	+	103.5	☺
LEWISBURG	KF8FO	444.725	+	T103.5	
MORGANTOWN	K8LG	444.700	+		
MORGANTOWN	W8CUL	444.800	+		☺
MOUNDSVILLE	KC8FZH	444.075	+		
MULLENS	KC8IT	444.000	+		
OAK HILL	KA8OTX	443.800	+		
PARKERSBURG (OH)	N8ILO	444.100	+		
PENNSBORO	WB8NSL	442.850	+	T103.5	
PRINCETON	KB8UJG	443.700	+	T123.0	☺
RICHWOOD	K8VKB	442.275	+	123.0	
RICHWOOD	KC8SDN	443.375	+	T123.0	☺
RICHWOOD	KB8YDD	443.475	+		
RICHWOOD	KC8AUY	443.575	+	T	
ROCKPORT	N8LHL	443.350	+	T123.0	
SHIRLEY	KB8TJH	444.425	+	T	
SO. CHARLESTON	WB8CQV	444.950	+	203.5	
THOMAS	K7SOB	441.900	+	PROP	
WELCH	N8SNY	443.725	+		
WESTON	N8FIP	443.975	+		
WESTON	KA8TCF	444.600	+		
WHEELING	KB8QHO	421.250	+		
WHEELING	KA8YEZ	443.025	+	77.0HZ	☺
WHEELING	N8EKT	444.975	+		

Limited FULL MEMBERS FROM NON-SERA STATES

6 METERS

CONCORD, NH	KA1OKQ	53.590	-	71.9	☺

2 METERS

CONCORD, NH	KA1OKQ	147.225	+	T100.0	☺
DELAND, FL	KD4UTV	147.045	+	T103.5	☺
WINCHESTER, VA	W4RKC	146.820	-		☺

220 MHZ

CONCORD, NH	KA1OKQ	224.800	-	T103.5	☺
MILLVILLE, NJ	AA2LD	223.960	-	T156.7	☺

440 MHZ

CONCORD, NH	KA1OKQ	443.650	+	T131.8	☺
MADISON, VA	N8HON	444.400	+		☺
MCKINNEY, TX	KF5TU	442.350	+	T100.0	☺
PEMBROKE, NH	KA1OKQ	444.150	+		☺
PETERBORO, NH	KA1OKQ	443.350	+	T110.9	☺

SYMBOLS: ☺ = Full Member SERA T = Tone Accessed (plus tone freq)
# and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

SERA REPEATER INDEX LISTINGS BY FREQUENCY

10 METERS

29.6200 / 29.5200			
W3PS	CHESTER, PA	156.7	ZZ
29.52 0 / 29.6200			
KF4XH	#MACON		GA
29.5200 / 29.6200			
KQ4XL	MONROE		GA
K4XYZ	BUCKHORN LAKE	103.5	KY
KC4XE	WILKESBORO		NC
WB4IUY	ZEBULON		NC
W4ZJM	MEMPHIS	*#	TN
WR3S	NASHVILLE	114.8	TN
AJ4D	TELLICO PLAINS	146.2	TN
KA8OTX	BECKLEY		WV
29.5400 / 29.6400			
KK4CZ	LOUISVILLE		KY
KB5MPW	BAY SAINT LOUIS	136.5	MS
KE4QOX	HIGH POINT	103.5	NC
W4CAT	GALLATIN/BNA	107.2	TN
WB4NKM	GREENEVILLE		TN
WB8CQV	CHARLESTON	203.5	WV
29.5600 / 29.6600			
WR4MG	WARNER ROBINS		GA
K4GRW	NEWPORT		NC
N4JEH	ROCKY MOUNT		NC
W4GL	SUMTER		SC
KE4QOX	FANCY GAP	123.0	VA
WA8YWO	RICHWOOD	100.0	WV
29.5800 / 29.6800			
AI8H	CONYERS		GA
N4BZJ	DALTON		GA
KB0Y	VALDOSTA	141.3	GA
KA4UHL	INGLE	146.2	KY
WW4DC	THOMASVILLE	88.5	NC
N8ITF	SPRINGFIELD		TN
KE4QOX	BECKLEY	88.5	WV

6 METERS

52.5500 / 51.5500			
WB4JEH	#CONYERS	151.4	GA
51.2000 / 51.7000			
WA4YNZ	#CUMMING		GA
51.4400 / 51.9400			
KC5BMJ	KINGSLAND	82.5	GA
53.0250 / 52.0250			
WB4LBR	LOUISVILLE		KY
52.0100 / 53.0100			
W4MAZ	COCHRAN	77.0	GA
WA4YNZ	#ROSWELL		GA
KC4QK	ASHLAND	107.2	KY
N5EKR	ELLISVILLE		MS
KE4QOX	THOMASVILLE	88.5	NC
N4FV	GREENEVILLE	100.0	TN
WA4KOG	MEMPHIS		TN
WA4BGK	NASHVILLE	114.8	TN
KI4ZR	LEXNGTN/ROCK MT.		VA
52.0300 / 53.0300			
W4WTA	AUGUSTA		GA
K4ITL	RALEIGH		NC
AB4OE	BLACKSBURG	123.0	SC
KF4FTD	MORRISTOWN		TN
KC8POU	CULLODEN	123.0	WV
52.0500 / 53.0500			
KC4JNN	BISKEY MT.	100.0	GA
AB5MU	NETTLETON	192.8	MS
N4JEH	ROCKY MOUNT		NC
WA4PXV	SPRUCE PINE	151.4	NC
K4SHP	MYR BCH/AYNOR	100.0	SC
WA4BGK	GALLATIN	114.8	TN
52.0700 / 53.0700			
WB4AEG	CARTERSVILLE	123.0	GA
KB4PTJ	WILLIAMSBURG	100.0	KY
KD4FWS	MT.AIRY/FANCY GP	100.0	NC
KB4MIC	GUM SPRING	203.5	VA
52.0900 / 53.0900			
KD4DKW	ATL/MARIETTA	151.4	GA
N4ALG	NICHOLASVILLE	103.5	KY
KF4IXW	REELSBORO	162.2	NC
K4NOC	BISHOPVILLE		SC
KD4PBC	SEVIERVILLE		TN
NO4Q	WAVERLY		TN
WB8BON	ROANOKE/POOR MT		VA
52.1100 / 53.1100			
W4GR	LAWRENCEVILLE	82.5	GA
K4GNC	GASTONIA	100.0	NC
KD4BGD	LUMBERTON		NC
K4SER	TARBORO		NC
WD4GYN	OAK RIDGE		TN
KB4YKV	AMELIA COURTHSE		VA
N8CQQ	FLATWOODS		WV
52.1300 / 53.1300			
N4BZJ	DALTON		GA
N4EQT	LAWRENCEBURG	107.2	KY
W4FOT	HENDERSONVILLE	100.0	NC
KG4IBW	DRESDEN	107.2	TN
W4HFH	ALEXANDRIA		VA
WB4GJG	DANVILLE(DCC)		VA
52.1500 / 53.1500			
KA5WZY	ATLANTA		GA
K4USC	UNION		SC
WB4IOB	KNXVL/ENG MT		TN
N5YKR	LEXINGTON	100.0	TN
N4CH	BEDFRD/THAX MT		VA
52.1700 / 53.1700			
WW4DC	THOMASVILLE	88.5	NC
K4BGW	LAFOLLETTE		TN
KE4SFU	RICE		VA
N8FWL	BECKLEY	123.0	WV
52.1900 / 53.1900			
W4BAD	RALEIGH		NC
KN4AS	LITTLE MOUNTAIN	156.7	SC
WA4UCE	COOKEVILLE		TN
52.2100 / 53.2100			
N1KDO	MARIETTA	79.7	GA
N4QLX	SAURATOWN MT		NC
AD4U	ORANGEBURG		SC
N4WWB	GATE CITY		VA
AB8WB	GASSAWAY	123.0	WV
52.2300 / 53.2300			
KD4BDB	WARM SPRINGS	97.4	GA
KD4JFN	PITTSBORO	107.2	NC
KA4ZKL	GUTHRIE (TN/KY)		TN
KQ4E	MORRISTOWN		TN
KC8AFH	ALDERSON	123.0	WV

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

52.2500 / 53.2500			
KF4BMG	MARIETTA	79.7	GA
WA4YON	#KNOXVILLE		TN
KT4QW	NEWPORT NEWS	100	VA
N4CH	ROANOKE		VA
52.2700 / 53.2700			
KC4CBQ	HIAWASSEE	186.2	GA
KA4UHL	NANCY	100.0	KY
WD4BQW	ASHEVILLE	100.0	NC
N5CWH	LEESVILLE	162.2	SC
WD4KZK	ROCKY MT/FERRUM	107.2	VA
52.2900 / 53.2900			
K4PLM	#PINE LOG MT.	198.2	GA
KF4UAQ	LOUISVILLE		KY
KF4SXO	CHESTER		SC
WA4CQK	FANCY GAP	100.0	VA
52.3100 / 53.3100			
AB4JJ	WEST JEFFERSON	100.0	NC
K4SER	WILLIAMSTON		NC
KG4BZN	WALTERBORO	123.0	SC
KB8TJH	SHIRLEY		WV
52.3300 / 53.3300			
KD4FVI	CRAWFORD	88.5	GA
AD4CC	HIGHLAND HEIGHTS	123.0	KY
W4TLP	CLINTON		NC
K4DHT	MOUNTAIN CITY	100.0	TN
KB4IDC	MT. JULIET	100.0	TN
KC8CSE	SNOWSHOE	156.7	WV
52.3500 / 53.3500			
WR4AMS	DORTON		KY
WR4BEG	SOPHIA/RANDLEMAN		NC
K4VCM	CHATTANOOGA		TN
52.3700 / 53.3700			
W4ZO	MONROE	100.0	NC
KD4MYE	YOUNGSVILLE		NC
KC4PDQ	MARYVILLE		TN
N8RIG	BLUEFIELD		VA
52.3900 / 53.3900			
WR4SG	CLYATTVILLE	141.0	GA
KF4XH	#MACON		GA
KE4RKF	WAYNESBURG	100.0	KY
AB4JJ	WEST JEFFERSON	100.0	NC
WB3R	AMELIA		VA
52.4100 / 53.4100			
WA1YYN	EFLAND	107.2	NC
KO4MZ	GVL/CSR'S HEAD	131.8	SC
K4ORE	CLARKSVILLE	110.9	TN
52.4300 / 53.4300			
KR4OL	#MACON		GA
N7BBW	LOUISVILLE	151.4	KY
AD4DN	#WILMINGTON	88.5	NC
K4GX	KINGSPORT		TN
KD4SUU	CHESTERFIELD		VA
KG4KUA	VESTA	107.2	VA
52.4500 / 53.4500			
WD4OVN	#PINE LOG MT		GA
KC5PIA	LAUREL	136.5	MS
W4UNC	CHAPEL HILL	107.2	NC
NQ4Y	MONTEAGLE MTN	114.8	TN
K8GP	BULLRUN		VA
52.4700 / 53.4700			
W5PFC	JACKSON	77.0	MS
KF4BJO	GAFFNEY		SC
KB4REC	KNOXVILLE		TN
KE4JYN	PEARISBURG	107.2	VA
52.5500 / 53.5500			
WB4JEH	CONYERS	151.4	GA
N4OQJ	KNOXVILLE	100.0	TN
K4RDK	MEMPHIS		TN
52.5700 / 53.5700			
KD4AOZ	WATKINSVILLE	123.0	GA
KE4LGL	LEXINGTON		KY
KE4KEH	LYNCHBURG	103.5	VA
52.5900 / 53.5900			
KF4QDS	KVILLE/HIPOINT	103.5	NC
KF4IWA	MOUNTAIN REST		SC
WB8YST	BECKLEY	107.2	WV
KA1OKQ	CONCORD, NH	71.9	ZZ
52.6300 / 53.6300			
AB4JJ	MT MITCHELL	100.0	NC
WB8YST	CHARLESTON	107.2	WV
51.1400 / 53.6500			
KB5MPW	BAY SAINT LOUIS	136.5	MS
52.6500 / 53.6500			
KB4YFV	WHITE TOP MTN		VA
N8SCS	BELINGTON	141.3	WV
51.2000 / 53.7100			
KE4OVN	LANEVIEW	107.2	TN
52.7100 / 53.7100			
KD4YWB	ROBBINSVILLE	167.9	NC
WB8YST	RICHWOOD	107.2	WV
52.7300 / 53.7300			
KF4CXL	MCINTYRE	77.0	GA
K4XYZ	BUCKHORN LAKE	100.0	KY
WD4OAR	GEORGETOWN	192.8	TN
52.7500 / 53.7500			
KK4MC	SUMMERVILLE	127.3	GA
W4YWH	HIGHLAND HEIGHTS	123.0	KY
WA4PXV	AIR BELLOWS GAP		NC
W4BAD	DURHAM		NC
K4GX	#ROGERSVILLE	114.8	TN
N8PEI	MARMT/CHARLSTN	141.3	WV
52.7700 / 53.7700			
W4GL	SUMTER		SC
W4BBB	KNOXVILLE/RACK	100.0	TN
N4TZE	BEDFORD/THNDR	103.5	VA
52.7900 / 53.7900			
WR4MG	WARNER ROBINS		GA
WA4NC	BOONE	100.0	NC
52.8100 / 53.8100			
WD4KNE	#STANTON		KY
W4EBM	#FAYETTEVILLE		NC
52.8500 / 53.8500			
K4TDO	HAZARD		KY
KE4SHA	WALTON	118.8	KY
52.8700 / 53.8700			
K4WYV	SEVIER/PINE MT	88.5	TN
KC8PFI	KENOVA	91.5	WV
52.8900 / 53.8900			
WR4SG	LAKE PARK	141.3	GA
WB4HJG	LULA	82.5	GA
KN4E	ELIZABETHTON	88.5	TN
WA4OHX	HAMPTON		VA
52.9100 / 53.9100			
KE4ZJT	LONDON	100.0	KY
52.9300 / 53.9300			
N1IB	CUMMING	107.2	GA
KE4SWV	CASTALIAN SPRING	123	TN
W4GMM	MEMPHIS	107.2	TN
KC8LRN	LEWISBURG	131.8	WV
52.9500 / 53.9500			
WB4WSB	LAGRANGE		KY
52.9700 / 53.9700			
N4DAJ	MT. AIRY	100.0	NC
52.9900 / 53.9900			
KD4CWB	KNOX/SEVIERVILLE	100.0	TN

2 METERS

144.5100 / 145.1100			
KK4HL	AUGUSTA		GA
N4MXC	COCHRAN	107.2	GA
KR4HV	DOUGLASVILLE	88.5	GA
KC4UPE	LEESBURG	192.8	KY
KD5AXY	FLORENCE		MS
W5WA	VANCLEAVE	123.0	MS
W4PCN	KILL DEVIL HILLS	131.8	NC
N4GSM	ROBBINSVILLE	151.4	NC
KD4MYE	YOUNGSVILLE	88.5	NC
WZ4SC	FORT MILL		SC
W4GS	MYR BCH/CONWAY		SC
KK4TD	COOKEVILLE		TN
WM4T	GRAY		TN
KF4OID	MOSCOW	107.2	TN
N4ARK	NASHVL/FAIRVIEW	151.4	TN
K4YPE	RICHMOND		VA
N8RV	FROST	107.2	WV
K8SA	SALT ROCK	110.9	WV
144.5300 / 145.1300			
K4SEX	NEWNAN	156.7	GA
WR4SG	VALDOSTA	141.3	GA
N4UL	LOUISVILLE AREA	151.4	KY
KJ4VF	MOREHEAD	100.0	KY
WB4YNF	#AHOSKIE	131.8	NC
N4VL	MT. AIRY	103.5	NC
W4RNC	RALEIGH	82.5	NC
W4JAK	GREENWOOD		SC
K4JR	SUMTER		SC
K4CMY	CHATTANOOGA		TN
KA4OAK	LAFOLLETTE		TN
WC4EOC	#LEIPERS FRK	114.8	TN
KF4ATY	MEMPHIS	107.2	TN
N8OYY	GLENVILLE	103.5	WV
144.5500 / 145.1500			
K4TWG	BACONTON		GA
W4AQL	GA TECH	167.9	GA
KF4CXL	MCINTYRE	77.0	GA
KG4CCW	LOUISVILLE	141.3	KY
KY4JW	MONTICELLO	100.0	KY
AD4BI	PIKEVILLE	107.2	KY
KE5LT	PICAYUNE		MS
K2IMO	ELM CITY	88.5	NC
W4GSO	GREENSBORO	100.0	NC
K4OBX	HATTERAS ISLAND	131.8	NC
W4LBT	#LUMBERTON		NC
N4LWY	SUMMERTON		SC
K4USC	UNION		SC
KG4FZR	ATHENS	141.3	TN
KB4IBW	DRESDEN	107.2	TN
W4XS	FRANKLIN		TN
K4ARO	GREENBAY		VA
N3ZE	RADFORD/RINER		VA
K8VE	PHILIPPI	103.5	WV
144.5700 / 145.1700			
WA4DIW	JONESBORO		GA
W8PRH	HALLS GAP		KY
W5JWX	RAYMOND	77.0	MS
K4CCR	ANDSN MT/DENVER	88.5	NC
N4JDW	WILMINGTON	88.5	NC
KY4S	AIKEN		SC
K4NOC	BISHOPVILLE	123.0	SC
WF4Q	BRUCETON	107.2	TN
WB4GBI	KNOXVILLE		TN
WB4LHO	MURFREESBORO		TN
KF4RMT	BASSETT	107.2	VA
WA4ZUA	NORFOLK	136.5	VA
WV8B	BECKLEY/BOLT MT	100.0	WV
144.5900 / 145.1900			
W4CBA	GAINESVILLE	131.8	GA
WA4EQL	JESUP		GA
WB4ULJ	PINE MT/HAMILTON		GA
KB4SQI	SALYERSVILLE	127.3	KY
K5YD	BOONEVILLE	110.9	MS
W5CJR	HATTIESBURG	136.5	MS
KA4SQN	JACKSONVILLE		NC
WA4BVW	MT MITCHELL		NC
K4GWH	RALEIGH	156.7	NC
N4OTT	CARTHAGE		TN
KD4XV	JASPER	127.3	TN
N4ZKR	NEWBERN	100.0	TN
WB3R	AMELIA		VA
WB8YJJ	RICHWOOD		WV
KA8YEZ	WHEELING	156.7	WV
144.6100 / 145.2100			
KC4RRO	EASTMAN		GA
WA4EPK	FAYETTEVILLE	131.8	GA
W8PRH	LEXINGTN/GRGTWN		KY
W5SAR	#WAYNESBORO		MS
K4OLC	HIGH PEAK MTN	94.8	NC
WB4TQD	TRENTON		NC
KG4LAP	SMOAKS		SC
W2GLJ	GERMANTOWN		TN
W4BBB	KNOXVILLE/RACK	100.0	TN
WC4EOC	NASHVILLE	173.8	TN
K4QZJ	HIGH KNOB MT		VA
N2EDE	ROANOKE	107.2	VA
WB8FEQ	HUNTINGTON	162.2	WV
144.6300 / 145.2300			
WB4JEH	CONYERS	151.4	GA
W4DRC	DALTON		GA
K4BR	WAYNESBORO		GA
W8PRH	LOUISVILLE		KY
W4KBL	PRINCETON	103.5	KY
KG4GQC	WEST LIBERTY	107.2	KY
W5NRU	ELLISVILLE	136.5	MS
KC5VZI	#NEW ALBANY		MS
N4VBH	BEULAVILLE		NC
W4UNC	CHAPEL HILL	107.2	NC
W4BFB	CHARLOTTE		NC
KG4AQH	GREELEYVILLE		SC
W4CAT	LAVERNE		TN
KB4KIE	MAYNARDVILLE		TN
KE4NTL	RIPLEY	100.0	TN
N4CH	BEDFORD		VA
W4MT	NEWPORT NEWS	100.0	VA
N8FWL	BECKLEY/OAK HILL	100.0	WV
N8FMD	ELKINS	103.5	WV
144.6500 / 145.2500			
N4YYD	CHATSWORTH	71.9	GA
AD4YJ	LEXINGTON	110.9	KY
W4GG	GREENSBORO	88.5	NC
WA4USN	CHARLESTON		SC
WA4UKX	SIMPSONVILLE	123.0	SC
KT4WS	DOVER	100.0	TN
NC4TN	ERWIN/PINNACLE		TN
N4ER	MEMPHIS	146.2	TN
KD8XK	BLUEFIELD	100.0	VA
KQ4RH	MONTPELIER		VA
144.7500 / 145.2500			
KC4QLP	ELIZABETH CITY	131.8	NC
144.6700 / 145.2700			
KT4X	SANDERSVILLE	77.0	GA
K4AIS	WALESKA/PNLG MT	100.0	GA
AE4PO	WAYCROSS		GA
N4KJU	PAINTSVILLE	127.3	KY
KD4BOH	ROCKPORT	77.0	KY
N5NBG	WALLS	107.2	MS
KB5DZJ	WIGGINS	136.5	MS
K4ITL	ASHEBORO	82.5	NC
K4ROK	FARMVILLE	131.8	NC
WA4KNI	HENDSVL/BERWLW		NC
N7GZT	COLUMBIA	162.2	SC
W4SRX	MONTEREY	123.0	TN
W4JPG	PARIS	107.2	TN
KD4CLA	PIGEON FORGE	100.0	TN
WB3T	MARION	103.5	VA
N8FMD	BIRCH RIVER	103.5	WV
144.6900 / 145.2900			
W4IBM	ATLANTA	88.5	GA
W4DV	AUGUSTA	100.0	GA
WR4MG	PERRY	107.2	GA
AC2DC	LOUISVILLE	151.4	KY
N4VOS	STANTON		KY
KD5CQX	VICKSBURG		MS
W4BFB	CHARLOTTE		NC
WN3X	COINJOCK	131.8	NC
NC4AR	HIGH POINT	88.5	NC
WA4WPD	NASHVILLE	107.2	NC
W4GS	MYRTLE BEACH	85.4	SC
KU4ZS	PUMPKINTOWN	123.0	SC
W4AM	CHATTANOOGA	118.8	TN
KF4ZQA	ELIZTON/HOLS MT	100.0	TN
K4DXC	RIDGETOP	114.8	TN
WF4Q	SHILOH	107.2	TN
N4UTN	RUSTBURG		VA
WB8WV	GLENVILLE	91.5	WV
144.7100 / 145.3100			
KB4JF	NASHVILLE	141.3	GA
WA4JDR	STOCKBRIDGE		GA
KC4KZT	DAVID		KY
WB5GOJ	CHATAWA		MS
NC4TN	BAKERSVILLE		NC
N4LEX	#LEXINGTON	88.5	NC
K4ITL	ROSEBORO		NC
W4IAR	BEAUFORT		SC
W4CHR	CHESTER		SC
WA4PNI	ATHENS	141.3	TN
KF4SC	JACKSON		TN
KC4ECD	LAFAYETTE	151.4	TN
KD4KWP	CHESTERFIELD	127.3	VA
N8FCJ	BECKLEY/LAYLAND	100.0	WV
KB8TJH	SHIRLEY		WV
144.7300 / 145.3300			
KF4ODQ	EASTMAN	77.0	GA
WA4OGE	JONESBORO		GA
N4XGI	ST SIMONS ISLAND	131.8	GA
KF4INN	VERSAILLES		KY
K5DMC	KILN		MS
KI4RK	EMERALD ISLE	88.5	NC
KI4RK	GOLDSBORO	100.0	NC
N4VRD	MOUNT AIRY	100.0	NC
KF4JVI	TRYON		NC
WA4DFP	BAMBERG		SC
WT4E	COLLIERVILLE	107.2	TN
WD4DBJ	CUMBERLAND CITY		TN
AC4JF	KNOXVILLE		TN
KE4ZBH	FARMVILLE		VA
W4VB	NORFOLK	131.8	VA
WR8M	WILLIAMSON	100.0	WV
144.7500 / 145.3500			
W4DOC	ATLANTA	146.2	GA
W4GTA	LOOKOUT MT	100.0	GA
N4OME	OCILLA		GA
AI4HB	RADCLIFF	173.8	KY
N4DRL	BYHALIA	110.9	MS
N5ZMZ	UTICA		MS
WA4AOS	CHARLOTTE		NC
WD4JPQ	GREENVILLE	131.8	NC
N2ZZ	AIKEN	100.0	SC
KE4OVN	GREENFIELD	107.2	TN
WD4JYD	NOLENSVILLE	114.8	TN
KB4PNG	ONEIDA	77.0	TN
N4AZJ	BLAND	103.5	VA
W4HCH	SOUTH BOSTON		VA
W8GK	CHARLESTON	91.5	WV
W8SP	FAIRMONT	103.5	WV
144.7700 / 145.3700			
AA4UA	AUGUSTA		GA
KB4IZF	JASPER	100.0	GA
W4BKM	MACON	88.5	GA
KE4YVD	RICHMOND	192.8	KY
K5IJX	HATTIESBURG	136.5	MS
N5PYQ	SOUTHAVEN	107.2	MS
W4HF	N. WILKESBORO	94.8	NC
K4PPD	SHALLOTTE	118.8	NC
K4ILT	HOLLY HILL	103.5	SC
KB4KIE	KNOXVILLE		TN
WR3S	NASHVILLE		TN
W4HZL	GLOUCESTER		VA
KC4RBA	LYNCHBURG	186.2	VA
WV8BD	BECKLEY/EOC		WV
K8VNQ	PARSONS	118.8	WV
144.7900 / 145.3900			
K4HYB	GRIFFIN/CENAR	88.5	GA
KC4KAN	BENTON	118.8	KY
N4EQT	LAWRENCEBURG	107.2	KY
KC8FKP	SO. PORTSMOUTH	136.5	KY
KB5KGE	JACKSON		MS
NC4UC	MONROE/UCARS	94.8	NC
WB4TQD	RALEIGH	82.5	NC
KG4BZN	WALTERBORO		SC
W4AM	CHATTANOOGA		TN
W4WC	GREENEVILLE		TN
KE4EUE	COLONIAL HEIGHTS		VA
K4ARO	ROANOKE/POOR MT	107.2	VA
AI4UK	#LENORE		WV
WD8EOM	WESTON		WV
144.8100 / 145.4100			
W4PME	ATLANTA/BELL	100.0	GA
K4KNS	AUGUSTA		GA
WA4MXO	JACKSON		KY
KK4CZ	LOUISVILLE	151.4	KY
N5LRQ	POPLARVILLE	136.5	MS
N4XO	CHINA GROVE	136.5	NC
K4SER	WILLIAMSTON	131.8	NC
WA4USN	CHARLESTON		SC
N4VIH	DOVER	123.0	TN
K4MFD	GREENEVILLE	173.8	TN
K5FE	MEMPHIS	107.2	TN
NQ4Y	MONTEAGLE MTN	114.8	TN
KF4ADM	WILLIAMSBURG	127.3	VA
N8FHE	BUCKHANNON		WV
WV8AR	RED HOUSE	123.0	WV
W8IFL	UNION	100.0	WV
144.8300 / 145.4300			
K4LCI	ATLANTA		GA
WA9RNZ	JESUP	118.8	GA
AA4RI	MACON		GA
AC4RS	ELKTON	77.0	KY
KF4CBT	WINCHESTER	203.5	KY
KX5E	GLOSTER	136.5	MS
WA5WRE	POPLARVILLE		MS
KU4W	RAEFORD	100.0	NC
K4QFQ	SPARTA/GREEN MT		NC
K4JR	SUMTER	156.7	SC
WF4Q	BROWNSVILLE	107.2	TN
WA4UCE	COOKEVILLE		TN
WB4YLC	KNOXVILLE		TN
AD4OV	COEBURN	103.5	VA
W4SQT	RICHMOND		VA
WB8YST	CHARLESTON	107.2	WV
K8LG	MORGANTOWN		WV
144.8500 / 145.4500			
W4BOC	DECATUR		GA
W6ZP	AUBURN	103.5	KY
WX5P	FULTON		MS
W5PPB	SHARON	77.0	MS
WA4KOG	SOUTHAVEN	79.9	MS
WR4AGC	DURHAM		NC
WD4LCF	GASTONIA		NC
K4GRW	#NEWPORT		NC
WD4EOG	CLEMSON UNIV		SC
W4ZKM	SAVANNAH RIVER	123.0	SC
K4SIR	BENTON		TN
KQ4E	MORRISTOWN		TN
KF4GHD	#MT PLEASANT	127.3	TN
KA4THY	ROANOKE	107.2	VA
AA4HQ	SALUDA		VA
N8LGY	MT. ZION	107.2	WV
WV8ED	WELCH	100.0	WV
144.8700 / 145.4700			
KD4HMH	BONAIRE		GA
KG4OGC	RICEBORO		GA
N4CLA	SWEAT MT/MARIETT		GA
WB4GGH	BARDSTWN/NELSN	151.4	KY
K4NLT	HUEYSVILLE	79.7	KY
KF4BRO	MAYSVILLE	107.2	KY
WB5VYH	#ABBEVILLE	107.2	MS
W4OIX	KINSTON	88.5	NC
W4NC	SAURATOWN MT	100.0	NC
WB4BLI	GAFFNEY	141.3	SC
KI4CB	MYR BCH/CONWAY		SC
WB4GBI	KNOXVILLE		TN

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

W4MCT	MOUNTAIN CITY	103.5	TN
N4ARK	NASHVILLE		TN
N4ZCM	SOUTH HILL		VA
N8YHK	SUMMERSVILLE	100.0	WV
144.8900 / 145.4900			
W4DV	AUGUSTA		GA
KA4WUJ	CORDELE	103.5	GA
W4LMA	MARIETTA	88.5	GA
W4KVK	HENDERSON		KY
WB4CWF	LEXINGTON		KY
N5VGK	TUPELO		MS
NT4K	FRANKLIN		NC
WB4IKY	GIBSONVILLE	107.2	NC
KF4LUC	HICKORY	146.2	NC
W4BWC	RALEIGH	82.5	NC
WD4HEM	CHERAW	123.0	SC
KE4ZBI	COVINGTON		TN
WB4LHO	MCMINVL/SHT MT		TN
K4CQ	AMHERST	136.5	VA
W8MOP	BLUEFIELD		VA
WA4OHX	HAMPTON		VA
WV8G	PARKERSBURG		WV
146.9950 / 146.3950			
WB9SHH	#MONTECELLO	88.5	KY
146.0100 / 146.6100			
W4CVY	COLUMBUS		GA
WB4JEH	CONYERS	151.4	GA
WD4KWV	CORBIN		KY
KC4FRA	MADISONVILLE		KY
W5LAR	LAUREL		MS
W4EWN	NEW BERN	100.0	NC
WB4TOP	RALEIGH	131.8	NC
KF4QDS	THOMASVILLE	123.0	NC
KC4WIF	ELLOREE	118.8	SC
W4NYK	GRNVLE/CSRS HD		SC
W4AM	CHATTANOOGA	107.2	TN
WA4PCD	NASHVILLE		TN
W4CAR	CHESAPEAKE		VA
W4WWQ	LYNCHBURG	136.5	VA
WB8MZI	GASSAWAY		WV
146.0250 / 146.6250			
W4ZT	ATL/UNION CITY	100.0	GA
N4UJT	ELBERTON		GA
K4HAO	VIDALIA	88.5	GA
K4ULW	PAYNEVILLE	151.4	KY
KC5ULN	COLUMBUS		MS
KE5WO	PORT GIBSON		MS
K4USB	BUXTON	131.8	NC
KI4RR	LAURINBURG		NC
KF4SXO	CHESTER		SC
WB4VXX	CORNERSVILLE	107.2	TN
WB4GBI	KNOXVILLE	100.0	TN
W4UTM	MARTIN	107.2	TN
K4SVA	JARRATT I-95	100.0	VA
WV8B	FLAT TOP/WINTRPL	100.0	WV
146.0400 / 146.6400			
WB4QGR	#ATLANTA		GA
W4FWD	CARROLLTON	131.8	GA
K4FAR	MONTEZUMA	97.4	GA
AE4PO	WAYCROSS	141.3	GA
WA4UXJ	CANE VALLEY		KY
K5XU	MADISON		MS
WB5NAY	MOOREVILLE		MS
WB4YAO	HENDERSONVILLE	91.5	NC
W4DW	RALEIGH		NC
W4TSI	SURF CITY	118.8	NC
W4NC	WINSTON-SALEM	100.0	NC
W4GL	SUMTER		SC
KA4QYI	HARRIMAN	100.0	TN
WB4KQQ	MEMPHIS		TN
AF4TZ	NASHVILLE	114.8	TN
W4WIC	FINCASTLE		VA
N4QLF	MARION	103.5	VA
WB4QEY	RICHMOND		VA
N8HZ	HUNTINGTON/CHAS		WV
146.0550 / 146.6550			
N4NFP	ATLANTA/MARIETTA	151.4	GA
W4WSM	BOWLING GREEN-SO		KY
WD4DZC	DANVILLE		KY
K4CUW	PADUCAH		KY
KC5ZZH	MERIDIAN		MS
K4CEB	CONCORD/KANNAP.		NC
WA4VTX	ELIZABETH CITY	131.8	NC
KD4KOJ	BEAUFORT		SC
N5CWH	LEESVILLE	162.2	SC
K4SHP	MYRTLE BEACH	100.0	SC
KI4BXI	BROWNSVILLE	156.7	TN
KG4LUY	LAWRENCEBURG	100.0	TN
W4OLB	MARYVILLE/ALCOA		TN
WA4ISI	ALTAVISTA		VA
N8ZPX	FLATWOODS	123.0	WV
N8SNW	IAEGER	100.0	WV
146.0700 / 146.6700			
WR4LT	BONAIRE	123.0	GA
W4ABP	GAINESVILLE	131.8	GA
KY4MT	HAZARD		KY
WA4FOB	MAGNOLIA	77.0	KY
W4KBL	PRINCETON		KY
W5UBG	NEW ALBANY		MS
KB5ZCX	PURVIS		MS
K4EG	BURLINGTON		NC
K4OI	FOREST CITY	114.8	NC
AD4DN	WILMINGTON	88.5	NC
AD4U	ST. MATTHEWS	156.7	SC
W4UD	BRISTOL		TN
K4BGW	LAFOLLETTE		TN
AF4TZ	NASHVILLE	114.8	TN
W4CBM	DUBLIN		VA
KG4NJA	HAMPTON	173.8	VA
KD4DDI	PAGECO		VA
WD8JNU	RAVENSWOOD		WV
146.0850 / 146.6850			
K4NGA	ADAIRSVILLE	167.9	GA
WA4EPK	DARIEN		GA
K4KZY	FAYETTEVILLE		GA
KF4NTQ	GEORGETOWN	107.2	KY
N4WJS	OWENSBORO	110.9	KY
W5KHB	NATCHEZ	100.0	MS
W4NBR	GRIFTON	88.5	NC
W4SNC	STATESVILLE		NC
K4USC	UNION		SC
KF4ARH	WALLAND	88.5	TN
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
N8FMD	CLARKSBURG	103.5	WV
WB8NAM	DANVILLE		WV
146.1000 / 146.7000			
W4MM	ALBANY		GA
K4UFO	JASPER	123.0	GA
KD4BWK	LAGRANGE	141.3	GA
WB4DOJ	MILLEDGEVILLE	67.0	GA
K4NLX	SAVANNAH	100	GA
KY4KY	BROOKS	151.4	KY
KD4DZE	GRAYSON/FOXFIRE	107.2	KY
KB5MPW	BAY ST. LOUIS	136.5	MS
W5LV	GRENADA		MS
W5FQ	MERIDIAN		MS
N4CID	DUNN		NC
W4PAX	LANCASTER	123.0	SC
WT4F	PICKENS	107.2	SC
KF4BVQ	ANDERSON CTY	100.0	TN
KE4CCB	BLUFF CITY	103.5	TN
W4UOT	MANCHESTER	114.8	TN
WB4MMI	RAMER	162.2	TN
WA4YGM	UNION CITY		TN
K4AU	DANVILE/WHT OAK	107.2	VA
W4POX	PORTSMOUTH	100.0	VA
KD4WWF	STAUNTON	131.8	VA
KC8AFH	SHADY SPRING	123.0	WV
146.1100 / 146.7100			
KF4FO	HOPKINSVILLE		KY
146.1150 / 146.7150			
K4NVG	LAVONIA	100.0	GA
W4ABZ	RINGGOLD	67.0	GA
KF4OFT	BEREA	100.0	KY
KY4HC	HAWESVILLE	136.5	KY
KA5TQY	GREENWOOD		MS
KD4JFN	HAW RIVER	107.2	NC
N4GGN	MILLERS CREEK	94.8	NC
WB4NEP	COLUMBIA		SC
KB4JUB	SALTILLO		TN
W9KIC	BLACKSBURG		VA
W4TTL	WALKERTON		VA
146.1300 / 146.7300			
W4MM	ALBANY		GA
KD4NC	ATLANTA/SWEAT MT		GA
K4TVE	BRUNSWICK		GA
WR4DH	MACON	100.0	GA
AC4AO	LEXINGTON		KY
AA4NI	#NEBO		KY
KC5IF	BILOXI		MS
KD5GVU	STARKVILLE	210.7	MS
KC5TGT	UTICA	77.0	MS
W4BWC	RALEIGH	82.5	NC
W4EXU	SALISBURY	94.8	NC
N4ILM	WILMINGTON		NC
K4NAB	N. AUGUSTA		SC
WA4UKX	SIMPSONVILLE	100.0	SC
WB4IOB	KNXVL/ENG MT		TN
KE4LFZ	MEMPHIS	107.2	TN
K4EHL	WATERTOWN	100.0	TN
W4QR	HAMPTON		VA
WB8SPW	LEWISBURG	100.0	WV
146.1450 / 146.7450			
KD4QHB	ATHENS		GA
W4FIZ	BOX SPRINGS	123.0	GA
K4WOC	CALHOUN	100.0	GA
AF4VH	SPRINGFIELD	97.4	GA
WA4TTC	GREENVILLE		KY
KD4RTR	MILLARD	141.3	KY
K5SVC	CHURCH HILL	100.0	MS
KC5VZI	#NEW ALBANY		MS
KC4QPR	MORGANTON	94.8	NC
N4WFU	ROANOKE RAPIDS	131.8	NC
W4PDE	DILLON/PEE DEE		SC
W4MV	DYERSBURG		TN
AA4YQ	WARTBURG	136.5	TN
K4ROA	ROANOKE/POOR MT	107.2	VA
146.1600 / 146.7600			
W4LAW	LOOKOUT MT.	100.0	GA
W4BOC	STONE MT	107.2	GA
WR4MG	UNADILLA	107.2	GA
KF4BJM	VALDOSTA	141.3	GA
K4KJQ	LEXINGTON		KY
K4CUW	PADUCAH		KY
W5AXQ	JACKSON		MS
WA4BVW	ASHVL/MT PISGAH		NC
K4GWH	GREENSBORO	156.7	NC
KB2XI	SWANSBORO		NC
WB4THL	WILSON	131.8	NC
K4ESG	CHARLESTON		SC
K4JP	BRSTL/HOLSTN MT		TN
WA4PCD	NASHVILLE	114.8	TN
WA4TFZ	CHARLOTTESVILLE	151.4	VA
KB4ZIN	WILLIAMSBURG		VA
W8VA	HUNTINGTON	131.8	WV
N4RAG	LEWISBURG	131.8	WV
W8CUL	MORGANTOWN	103.5	WV
W8ZQ	WHEELING		WV
146.1750 / 146.7750			
N4NEQ	MARIETTA	151.4	GA
KB4NA	WRENS		GA
KA4WZX	MIDDLESBORO		KY
KJ4OG	TOMPKINSVILLE	151.4	KY
AE4SK	VANCEBURG		KY
KD5YTB	CLEVELAND	107.2	MS
K5PN	HATTIESBURG	136.5	MS
W4ZU	HOLDEN BEACH	100.0	NC
KD4RAA	#RALEIGH	88.5	NC
KG4WAD	SALISBURY	94.8	NC
KF4GHC	FORT JACKSON	156.7	SC
WF4Q	JACKSON	107.2	TN
W4JVO	PULASKI/MUSIC MT		TN
AG4AN	FOREST	131.8	VA
WB3T	WYTHEVILLE	107.2	VA
KB8BWZ	ELKINS		WV
146.1900 / 146.7900			
KD4GEY	FOLKSTON		GA
WD4KOW	MOULTRIE		GA
K4SEX	NEWNAN		GA
K4VYX	SWAINSBORO		GA
AG4TY	HALLS GAP	79.9	KY
W4YWH	HIGHLAND HEIGHTS	123.0	KY
K5TYP	BILOXI		MS
W4TLP	CLINTON		NC
KG4ASL	SAURATOWN MT	107.2	NC
N4AW	ANDERSON/SAS MT		SC
WA4USN	CHARLESTON		SC
W4AM	CHATTANOOGA		TN
W4ABR	JOHNSON CITY		TN
W4KIB	MEMPHIS	107.2	TN
W4SQE	NASHVILLE	100.0	TN
N4SD	CHESAPEAKE		VA
N8WBR	ANSTED	156.7	WV
146.2050 / 146.8050			
K4PDQ	MACON	77.0	GA
KA4NNE	GUTHRIE	100.0	KY
W8PRH	HAZARD		KY
KF5C	STARKVILLE	192.8	MS
K5IMT	#VICKSBURG		MS
K4GNC	GASTONIA/CRWDR		NC
W4DCG	ROCKY MOUNT	118.8	NC
KF4ATU	ORANGEBURG	156.7	SC
KF4TNP	CORNERSVILLE	114.8	TN
W4EYJ	CROSSVILLE	131.8	TN
WB4MMI	SELMER	107.2	TN
WA4HTI	COVINGTON		VA
W4TTL	MECHANICSVILLE		VA
147.4050 / 146.8050			
KC4AQS	JASPER	100.0	GA
W4DJB	CANTON		NC
KD4TC	BIG "A" MTN	103.5	VA
146.2200 / 146.8200			
W4MM	ALBANY	110.9	GA
W4DOC	ATLANTA	146.2	GA
K4HVK	KIBBEE		GA
KF4DKJ	DRAKESBORO		KY
W4CMR	IRVINE	192.8	KY
KA5LNY	MAGEE	100.0	MS
WB4PZA	WILKESBORO	94.8	NC
N4ILM	WILMINGTON	88.5	NC
KT4NZ	CAMDEN	131.8	SC
W4NYK	GRNVLE/PARIS MT		SC
KG4FZR	MADISONVILLE	141.3	TN
W4BS	MEMPHIS	107.2	TN
KB4PNG	#ONEIDA		TN
W4UOT	WINCHESTER		TN
W4CAR	CHESAPEAKE	162.2	VA
N4WWB	GATE CITY		VA
WB8CQV	CHARLESTON	203.5	WV
K8VE	GRAFTON	103.5	WV
W4RKC	WINCHESTER, VA		ZZ
146.2350 / 146.8350			
KC4GSS	THOMSON		GA
KF4AWA	SALVISA	192.8	KY
WB4PLA	ASHEVILLE		NC
KB4TOH	COLUMBIA	131.8	NC
W4USH	WADESBORO		NC
KT4YW	CHARLESTON		SC
KB4YTM	HUNTINGDON		TN
KD5YBE	SALTILLO	123.0	TN
W4LYR	WATERTOWN	100.0	TN
KK4EH	GRUNDY/BIG A MT		VA
W4GSF	KILMARNOCK	173.8	VA
N4UTN	RUSTBURG/LONG MT	173.8	VA
KC8ECX	COWEN	110.9	WV
147.4350 / 146.8350			
N4KHQ	DAHLONEGA	100.0	GA
W4KMU	#HOPE MILLS		NC
KB4BPV	THOMASVILLE	88.5	NC
146.2500 / 146.8500			
K4SDJ	SAVANNAH		GA
WA4ORT	WARNER ROBINS		GA
KM4IV	PIKEVILLE		KY
KD5QNC	BUDE	103.5	MS
WB5MFK	IUKA		MS
W5LWC	KOSCIUSKO		MS
K4CYP	GOLDSBORO	85.4	NC
WA4DSZ	HICKORY/BRT. MT		NC
N4IV	REIDSVILLE	103.5	NC
W4ULH	FLORENCE		SC
WA4KJH	GTLBG/COVE MTN	127.3	TN
WA4KOG	MEMPHIS		TN
W4AY	NASHVILLE	114.8	TN
W4POX	PORTSMOUTH		VA
WA4ZBP	STAUNTON	131.8	VA
WV8BD	BECKLEY/FLAT TOP		WV
N8ZAR	BUCKHANNON		WV
146.2650 / 146.8650			
N4ZON	JESUP	123.0	GA
WB4DKY	MADISON	179.9	GA
AD4MU	OWENSBORO		KY
KG4AEU	RICHMOND	192.8	KY
KD4HLH	LAURENS	107.2	SC
KF4VGX	LITTLE RIVER		SC
W8EYU	CROSSVILLE	118.8	TN
KN4KP	TRENTON		TN
KG4VFO	NORTON	103.5	VA
147.4650 / 146.8650			
W5NRU	ELLISVILLE	136.5	MS
N4WCO	#MURPHY/STALCUP	151.4	NC
K4WBT	WAXHAW	94.8	NC
WZ8E	MOUNTAIN LAKE	110.9	VA
146.2800 / 146.8800			
W4CVY	COLUMBUS	123.0	GA
W4BTI	MARIETTA/ATLANTA	100.0	GA
WA4NKL	QUITMAN		GA
W4HBB	SAVANNAH		GA
W4PF	LOUISVILLE		KY
KA4UHL	SOMERSET	77.0	KY
K5QNE	JACKSON	100.0	MS
WB4TQD	RALEIGH		NC
W4NYR	SHELBY		NC
N7GZT	ORANGEBURG		SC
WD4CYZ	BRISTOL		TN
WA4KOG	MEMPHIS		TN
WA4PCD	NASHVILLE		TN
W4SKH	OAK RIDGE		TN
W4RAT	RICHMOND	74.4	VA
WA4V	SALEM		VA
WB8CQV	SO. CHARLESTON	203.5	WV
146.2950 / 146.8950			
N4VNI	HARTWELL	100.0	GA
WR4MG	HAWKINSVILLE	107.2	GA
K4CO	HIGHLAND HEIGHTS	123.0	KY
KA4BLZ	LYNN GROVE	210.7	KY
N2QEW	WILMINGTON	88.5	NC
WD4HEM	PAGELAND	123.0	SC
WD4EGD	DANDRIDGE		TN
KF4HNV	HINCH MOUNTAIN	118.8	TN
K4TTC	HOHENWALD	100.0	TN
N4RAG	CHARLOTTESVILLE	131.8	VA
WA4KXV	VIRGINIA BEACH		VA
WB3T	WYTH/WALKER MT	103.5	VA
K8VE	WEBSTER SPRINGS	123.0	WV
147.4950 / 146.8950			
WD4LUQ	DALLAS	77.0	GA
KC4KZT	DORTON	141.3	KY
W5NRU	ELLISVILLE	136.5	MS
KF4GUZ	#SPRUCE PINE		NC
146.3100 / 146.9100			
WB4HIG	CLEVELAND		GA
K4HYB	GRIFFIN/CENAR		GA
K4GFY	MOREHEAD	123.0	KY
KS4TO	WADDY	107.2	KY
K5VV	HERNANDO		MS
WA5JZL	LUCEDALE		MS
K5OCM	NATCHEZ	91.5	MS
WA4ZGQ	AHOSKIE	131.8	NC
W4MOE	ASHVL/SPIVEY MT	91.5	NC
K4MN	FAYVLLE/CFARS	100	NC
W4PAR	LEXINGTON	107.2	NC
KC4ROG	KNOXVILLE		TN
W4YXA	SHORT MTN		TN
KE4ZBH	FARMVILLE		VA
K4TUE	MT.LAKE/BALD KNB	107.2	VA
N8BQ	MCMECHEN		WV
146.3250 / 146.9250			
WA4ASI	COVINGTON		GA
N4PJR	JESUP	141.3	GA
KG4LKY	MANCHESTER	79.7	KY
W4BEJ	RADCLIFF		KY
WB5CON	CORINTH	107.2	MS
AD4T	DOBSON	100.0	NC
WD4HEM	LUCKNOW	123.0	SC
K4ORE	CLARKSVILLE	110.9	TN
W4GZX	CLEVELAND		TN
WD4OBW	JONESBOROUGH		TN
WA4TFZ	CHARLOTTESVILLE	151.4	VA
WB4GJG	DANVILLE(DCC)	88.5	VA
WD8OGY	PRINCETON/PIPEST		WV
146.3400 / 146.9400			
KT4N	AUGUSTA		GA
W4VO	ROME/MT. ALTO	88.5	GA
WA4RVB	WRIGHTSVILLE		GA
KG4DVE	ASHLAND		KY
KY4X	GLASGOW		KY
K4MSU	MURRAY	91.5	KY
KB5DWX	AMORY	192.8	MS
KA5SBK	JACKSON	100.0	MS
KD5QNC	MCCOMB		MS
K4CTY	BURGAW		NC
WA4IZG	BUTNER	156.7	NC
W4BFB	CHARLOTTE		NC
W4ACY	WANCHESE	131.8	NC
N7GZT	CHARLESTON		SC

PLEASE NOTE

The Repeater Journal lists subtones used on repeaters ONLY if they are requested to be listed by the sponsor or owner. The listing of a subtone on any repeater does not in any way indicate it being a “Closed” repeater. Generally in most cases, the tones are used to eliminate noise problems and are listed at the owners request for users convenience.

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

W4IQQ	GREENVILLE	107.2	SC
WB4GBI	KNOXVILLE		TN
WA4KOG	OAKLAND		TN
W4ZA	RICHMOND		VA
N4AP	ROANOKE		VA
KD8AB	FENWICK		WV
W8CWO	WEIRTON		WV
N4HSV	HUNTSVILLE, AL		ZZ
146.3550 / 146.9550			
KD4AOZ	ATHENS	123.0	GA
W9QXW	BLAIRSVILLE	100.0	GA
WR4MG	PERRY	107.2	GA
KF4BRO	FLEMINGSBURG	107.2	KY
N5EKR	ELLISVILLE		MS
KC5OB	ISOLA		MS
KD4WAR	BURNSVILLE		NC
K4RNC	ROCKINGHAM		NC
KD4BMX	PINE RIDGE	162.2	SC
NT4L	#NASHVILLE	114.8	TN
WZ8E	BLUEFIELD/ONEIDA	100.0	VA
N4CFA	FARMVILLE	136.5	VA
146.3700 / 146.9700			
K4CLJ	ATLANTA		GA
W4HBB	SAVANNAH		GA
K4DPP	#HENDERSON		KY
W8PRH	STANTON		KY
N5OS	GAUTIER	123.0	MS
KI5FW	MERIDIAN	100.0	MS
N5EYM	WINONA	110.9	MS
KD4BJD	BENSON		NC
N4AW	ANDERSON		SC
W4GEY	FLORENCE	167.9	SC
W4TRC	KNGSPT/BAYS MT		TN
WD4MWQ	MCMINNVILLE		TN
WT4WA	MEDINA		TN
W4SKH	OAK RIDGE		TN
NC4BL	FANCY GAP	100.0	VA
W4WRN	STAUNTON		VA
WA4KXV	VIRGINIA BEACH		VA
KC8CPK	LOGAN/WRD RK MT	100.0	WV
N8NBL	PARKERSBURG (OH)		WV
146.3800 / 146.9800			
W4BEJ	ELIZABETHTOWN		KY
146.3850 / 146.9850			
K4KNS	AUGUSTA	100.0	GA
KC4ZGN	ELLIJAY/TALONA M	77.0	GA
KN4FE	WARM SPRINGS		GA
N4SEI	#JONATHAN CREEK		KY
N5LRQ	COLLINS	136.5	MS
KB5DMT	SENATOBIA	107.2	MS
K4OGB	ALBEMARLE	100.0	NC
K4JPE	DURHAM	156.7	NC
WD4PVE	MARION	118.8	NC
W1GRE	SUMMERVILLE	192.8	SC
KC4PRD	NASHVILLE		TN
KE4SCS	PETERSBURG	127.3	VA
W4CA	ROANOKE/POOR MT		VA
N8OLC	HUNTINGTON	131.8	WV
KF8LL	NEW MARTINSVILE		WV
146.4000 / 147.0000			
WA4NNO	ATLANTA		GA
K5UFH	CORINTH		MS
KE5TL	#VANCLEAVE		MS
N5DXM	WATER VALLEY		MS
WD4FVO	JACKSONVILLE		NC
KD4HTW	MARION	192.8	SC
WB4YXZ	PICKENS	151.4	SC
KD4CWB	#KNOXVILLE	100.0	TN
W4ZJM	MEMPHIS	*#	TN
W4LG	SUFFOLK	100.0	VA
W8XF	CHARLESTON	91.5	WV
147.6000 / 147.0000			
W4EEE	BOGART		GA
KE4LR	SHELBYVILLE		KY
KG4M	WILLIAMSBURG		KY
KC5ULN	COLUMBUS		MS
W5IQ	JACKSON		MS
WW4DC	THOMASVILLE	88.5	NC
W4CBX	BLOUNTVILLE		TN
AC4RS	CLARKSVILLE	167.9	TN
KA6UHV	COLLEGEDALE	131.8	TN
KC8KCI	TERRA ALTA	103.5	WV
146.4150 / 147.0150			
K4AIS	WALESKA/PNLG MTN	100.0	GA
N4YSB	YADKINVILLE	100.0	NC
AB4M	LYNCHBURG	131.8	VA
K4AXO	NORTON/HIGH KNB	88.5	VA
147.6150 / 147.0150			
K4EDN	BONAIRE	82.5	GA
KG4OGC	HINESVILLE		GA
AD4RT	IRVINE		KY
N5JHK	MONTICELLO		MS
NC4LC	LINCOLNTON	141.3	NC
W4BAD	RALEIGH	88.5	NC
W4GL	SUMTER	156.7	SC
AF4TZ	NASHVILLE		TN
KE4RX	RCKWD/MT ROSVLT		TN
WF4Q	UNION CITY	107.2	TN
AA8TH	RICHWOOD		WV
146.4300 / 147.0300			
WV5D	LAUREL		MS
KU4OL	MOUNTAIN REST		SC
K4YTZ	ROCK HILL		SC
WA4JST	RICHMOND		VA
147.6300 / 147.0300			
W4NJQ	ATLANTA/AIRPORT		GA
KD4ULE	HOPKINSVILLE	103.5	KY
W4PJZ	LOUISVILLE	151.4	KY
KI4CGV	EDEN/REIDSVILLE	118.8	NC
KB4DJT	ROANOKE RAPIDS		NC
KK4BQ	BARNWELL	156.7	SC
N4JTH	#N. MYRTLE BEACH		SC
W4BV	FAYETTEVILLE		TN
W4EM	MEMPHIS		TN
KQ4E	MORRISTOWN		TN
KC8IT	MULLENS		WV
WB8ECC	ST.MARYS/BENS RG		WV
146.4450 / 147.0450			
K4AIH	ANDRWS/ROBNSVL	151.4	NC
147.6450 / 147.0450			
KE4ZRT	DOUGLAS	141.3	GA
KD4AOZ	WATKINSVILLE	123.0	GA
KJ4VF	GRETHEL	100.0	KY
KE4OOS	PARIS	141.3	KY
KB5LCL	MORTON	141.3	MS
W4LBT	LUMBERTON		NC
K4ILT	ST. GEORGE	103.5	SC
AF4O	BOLIVAR		TN
N2UP	LIVINGSTON		TN
K4AYN	NASHVILLE		TN
KE4CKJ	STAUNTON/EL.KB	131.8	VA
WA4SBC	VIRGINIA BEACH		VA
KD4UTV	DELAND, FL	103.5	ZZ
146.4600 / 147.0600			
W4CQ	CHARLOTTE		NC
KG4FZR	ATHENS	141.3	TN
KF4AGO	SOUTH BOSTON		VA
KA8PNC	PRINCETON		WV
147.6600 / 147.0600			
WA4DDI	MACON		GA
N4CLA	ROSWELL		GA
W4UCJ	THOMASVILLE		GA
KY4BG	BOWLING GREEN	156.7	KY
W4NJA	PADUCAH	103.5	KY
N5OCF	RICHTON		MS
KB4BR	MACO		NC
W4VFR	SUMTER/SHAW		SC
N4FV	GREENEVILLE	123.0	TN
WA4MQQ	MEMPHIS		TN
N4VFB	SHELBYVILLE		TN
WB4VWR	ENON	107.2	VA
N8ZAR	BUCKHANNON	123.0	WV
147.6700 / 147.0700			
N4MRM	#LOUISVILLE	151.4	KY
146.4750 / 147.0750			
KK4MW	CARBO		VA
KC4AFH	OAK HILL	100.0	WV
147.6750 / 147.0750			
W4CLA	CLAXTON		GA
W4GR	LAWRENCEVILLE	82.5	GA
KC4VLJ	VALDOSTA	223.0	GA
N4TLP	OWINGSVILLE		KY
NC5Y	JACKSON		MS
K4CCR	NEWTON	88.5	NC
KD4JFN	PITTSBORO	146.2	NC
200410	EASTOVER	156.7	SC
WQ4E	GREENBRIER	114.8	TN
WB4GBI	KNOXVILLE		TN
WF4Q	LEXINGTON	107.2	TN
AD4ZK	NORFOLK		VA
W4PNT	WAYNESBORO		VA
KE8MR	MORGANTOWN	103.5	WV
147.6900 / 147.0900			
KE4RWR	BAINBRIDGE		GA
KC4YHM	EATONTON	179.9	GA
K2YRW	YOUNG HARRIS	100.0	GA
N4MWA	PHELPS		KY
KB5DSN	AMORY		MS
N5MRS	NEW HEBRON		MS
WB5FXH	#SUMNER		MS
W4GDF	GREENVL/ESTN NC		NC
KI4DH	STAR/BISCOE	100.0	NC
K4SHP	MYR BCH/AYNOR	100.0	SC
KF4ATU	ORANGEBURG	156.7	SC
K4JLA	PAULINE		SC
AG4UW	CENTERVILLE	123.0	TN
K4NLP	JAMESTOWN	100.0	TN
W4GMM	MEMPHIS	107.2	TN
W4BRC	GALAX/BRIRP MT		VA
N4TZE	GOOCHLAND		VA
N4RAG	MARLINTON	131.8	WV
147.7000 / 147.1000			
W4VM	HUNTSVILLE, AL		ZZ
147.7050 / 147.1050			
WB4RTH	ATLANTA CARES	107.2	GA
KF4DG	PEMBROKE		GA
N4EQT	FRANKFORT	107.2	KY
W4ZAC	HARLAN		KY
W5SAR	WAYNESBORO		MS
WA4KNI	HENDERSONVILLE		NC
K4ITL	LILLINGTON	82.5	NC
KG4FAN	CASSATT	192.8	SC
KD4NEC	CLEVELAND		TN
K4TC	HENDERSON	156.7	TN
W4LYR	LEBANON	100.0	TN
WB4JBJ	BEDFORD		VA
KB4ZIN	WILLIAMSBURG		VA
KA8AUW	SPENCER	100.0	WV
147.7200 / 147.1200			
W4CMA	CEDARTOWN		GA
K4HCA	CLARKESVILLE		GA
KT4N	#LINCOLNTON		GA
KA4KMT	#LOUISVILLE		KY
KD4DVI	PADUCAH	179.9	KY
WB4ASZ	WINCHESTER		KY
NO5N	ACKERMAN		MS
N4GAS	GASTONIA/SPCR MT		NC
WN4Z	ROCKY MOUNT	131.8	NC
W4GS	MYRTLE BEACH		SC
W4GGM	COLUMBIA	127.3	TN
K4EAJ	HARRIMAN	82.5	TN
N4WAH	MEMPHIS	107.2	TN
WG8S	PATRICK SPRINGS	107.2	VA
WB8DKM	BRIDGEPORT		WV
WB8NAM	MADISON		WV
147.7350 / 147.1350			
N4BZJ	DALTON	118.8	GA
WR4SG	LAKE PARK	141.3	GA
KE4UWJ	MILLEDGEVILLE	123.0	GA
KF4CME	BARBOURVILLE	100.0	KY
KE4SZK	FRANKLIN	136.5	KY
KF4WMM	SANDY HOOK	107.2	KY
KB5UIX	VOSSBURG	136.5	MS
K4HXZ	BREVARD		NC
K4ITL	CHAPEL HILL	82.5	NC
WA4US	WILMINGTON	67.0	NC
K4CCC	CHESTERFIELD		SC
KG4BZN	WALTERBORO		SC
K4WWV	ALAMO		TN
N4AZJ	PEARISBURG	100.0	VA
KC4VDZ	RICHMOND	107.2	VA
KE8MR	DAVIS	103.5	WV
KC8TLG	ROCKPORT	123.0	WV
AA2LD	VINELAND, NJ	156.7	ZZ
147.7500 / 147.1500			
WA4EHO	CEDAR GROVE		GA
WB4GQX	CUMMING		GA
WA4IDS	SAVANNAH		GA
KD4YGK	LEBANON JCT.	79.7	KY
KI5WI	BOONEVILLE		MS
KF5IZ	PEARL/RANKIN CO	88.5	MS
K4VLY	MORGANTON		NC
K4ITL	ROANOKE RAPIDS	82.5	NC
WD4NUN	MONCKS CORNER		SC
K4EAJ	JOYNER	82.5	TN
WA4PCD	NASHVILLE WEST	114.8	TN
KB4RFN	CLINCHCO	88.5	VA
NJ1K	PATRICK SPRINGS	107.2	VA
KB8YDG	RICHWOOD	100.0	WV
147.7650 / 147.1650			
KE4ZRT	DOUGLAS	141.3	GA
KF4XH	#MACON		GA
N4OME	MADRAS	131.8	GA
N4NEQ	MORGANTON	151.4	GA
W4WSM	BOWLING GREEN		KY
WA4HBM	LEXINGTON		KY
WB4UBY	PRESTONSBURG		KY
W4UA	HIGH POINT		NC
KD4PBK	LUMBERTON	88.5	NC
W4GWD	GREENWOOD	107.2	SC
KF4BRS	ERWIN/UNICOI		TN
KC4YLL	PARIS	114.8	TN
WA4CEX	PURYEAR		TN
KR4BT	SPARTA/WHITE	123.0	TN
KE4VNN	LYNCHBURG	141.3	VA
W4CM	NEWPORT NEWS		VA
KA8TCF	WESTON		WV
147.7800 / 147.1800			
N4BMA	AUGUSTA		GA
WD4NHW	BALDWIN		GA
KB4TIW	SAND HILL/VILLA	131.0	GA
WB4BDP	WARNER ROBINS	107.2	GA
KE4ZJT	LONDON	151.4	KY
W4CN	LOUISVILLE	88.5	KY
KC5LIO	WEST POINT		MS
WA1YYN	EFLAND	156.7	NC
AC4RC	WILMINGTON	88.5	NC
W4DXA	FORT MILL		SC
W4HNK	#SUMMERVILLE	123.0	SC
WD4DES	CLEVELAND	118.8	TN
WA4KOG	MEMPHIS		TN
K4ZGA	NASHVILLE	114.8	TN
WD4ITN	MONTEREY	100.0	VA
N4NRV	PKS KB/PULASKI	103.5	VA
W4VCU	RICHMOND		VA
WD8OHX	LEON		WV
147.7950 / 147.1950			
K4JPD	#AUSTELL	85.4	GA
W4UCJ	BOSTON		GA
KT4SH	CADIZ	103.5	KY
KJ4VF	LEXINGTON		KY
KJ4VF	WINCHESTER	100.0	KY
W5JVK	SILVER CREEK	136.5	MS
N4NIN	#LENOIR		NC
KO4CW	RALEIGH	88.5	NC
WD4HEM	FLORENCE	123.0	SC
N4HAP	ARNOLD A.F.B.		TN
KD4CWB	KNOXVILLE	100.0	TN
AF4OQ	SARDIS	94.8	TN
WA4RTS	LYNCHBURG	136.5	VA
WT4RA	SMITHFIELD	100.0	VA
NV8H	LOGAN SOUTH	100.0	WV
146.8100 / 147.2100			
KC4NSE	POWHATAN	82.5	VA
147.8100 / 147.2100			
KI4DZY	BLAIRSVILLE	100.0	GA
KF4GHF	CONYERS	162.2	GA
K4NLX	SAVANNAH		GA
KN4M	BLACK MTN	103.5	KY
K4HY	OWENSBORO	110.9	KY
N5SPJ	UNION	100.0	MS
W4BUZ	GREENSBORO		NC
W4SLH	ORIENTAL	151.4	NC
W4NTQ	WHITEVILLE		NC
K4AVU	LITTLE MT.		SC
W4HPL	COOKEVILLE		TN
WF4Q	JACKSON	107.2	TN
KB4YKV	AMELIA COURTHOUS		VA
KB8NJH	AMBER RIDGE	107.2	WV
N8FMD	CLARKSBURG	103.5	WV
147.8250 / 147.2250			
W8JI	BARNESVILLE		GA
NE4GA	COMMERCE	123.0	GA
KG4ABK	DOERUN		GA
W4RLP	SUMMERVILLE	100.0	GA
KY4SP	LITCHFIELD	179.9	KY
W5BJT	#FRENCH CAMP		MS
KD5VMV	HERNANDO	107.2	MS
WB4SRV	CLAREMONT	162.2	NC
WR4AGC	HILLSBOROUGH		NC
W4DTW	SANTEE		SC
NO4Q	MCEWEN	114.8	TN
WB4OAH	MORRISTOWN		TN
KA4VXR	HAMPTON	136.5	VA
WB8NRK	PRINCETON	114.8	WV
KA1OKQ	CONCORD, NH	100.0	ZZ
147.8400 / 147.2400			
AE4JO	EMERSON	103.5	GA
WB4NFG	IRWINTON	77.0	GA
KC4QK	ASHLAND	107.2	KY
KC4AI	FRANKFORT	100.0	KY
W4GZ	HAMLIN	91.5	KY
KF4TLT	HYDEN	186.2	KY
W5PPB	PELAHATCHIE	77.0	MS
N5ELS	TUPELO		MS
NC4ML	CARTHAGE		NC
KG4JIA	CHERRY MTN	94.8	NC
W4GHZ	FRANKLIN	151.4	NC
W4IAR	HILTON HEAD		SC
AC4VT	LANCASTER	88.5	SC
KD4TMW	MYRTLE BEACH	85.4	SC
W4LKZ	GALLATIN	114.8	TN
KD4ZTK	BOYDTON		VA
N4MGQ	ELK CRK/IRON MT	107.2	VA
W4CMH	SOUTH HILL		VA
AB8WB	GASSAWAY	123.0	WV
147.8550 / 147.2550			
KR4NQ	SNELLVILLE	107.2	GA
AE4PO	WAYCROSS	141.3	GA
N4IOX	#DIXON		KY
K4CO	EDGEWOOD	123.0	KY
K4CO	HIGHLAND HTS.	123.0	KY
KC5RC	LAUREL		MS
WA4KNI	HENDSVL/PENIC		NC
K4ITL	LEVEL CROSS	82.5	NC
W4RRC	LEESVILLE	123.0	SC
AG4UW	CENTERVILLE	123.0	TN
KJ4SI	PETROS/FRZ HD MT		TN
K4BW	ACCOMAC	156.7	VA
WD4CYZ	#CLINCHCO		VA
K4RKO	RICHMOND	100.0	VA
KC8CNL	HINTON	100.0	WV
WC8EC	PARKERSBURG	131.8	WV
147.8700 / 147.2700			
KF4ZUR	ALLENHURST	162.2	GA
W4VIR	AMERICUS	141.3	GA
KF4GHF	MONROE	162.2	GA
WB4EJK	LOUISVILLE	151.4	KY
KE4AIE	ST. CHARLES		KY
WB5USN	ABERDEEN	210.7	MS
K5ZRO	VICKSBURG	100.0	MS
W4CQ	CHARLOTTE		NC
AK4H	RALEIGH/BENSON		NC
N4SM	WAYNESVILLE		NC
W4ANK	CHARLESTON AREA		SC
WA4JRJ	SENECA/LONG MT		SC
WD4BKY	GALLATIN	114.8	TN
WB0TMC	JACKSON		TN
KE4FH	JOHNSON CITY		TN
WB4IKL	GUM SPRING	203.5	VA
KB4QWO	ROANOKE/POOR MT		VA
WV8AR	SCOTT DEPOT	123.0	WV
147.8850 / 147.2850			
W4PVW	ASHBURN/TIFTON	141.3	GA
KC4ZIZ	ATLANTA		GA
KC4WWU	KINGSLAND	118.8	GA
KC4ZFH	LONDON		KY
KA4FGA	MARION		KY
N5LRL	CLEVELAND	107.2	MS
N5LJC	COLUMBIA		MS
K5WHB	CORINTH		MS
W4RCW	TRYON		NC
N4ADM	AIKEN		SC
N4LV	MYB BCH/BRKSVIL		SC
KF4JPT	PIKEVILLE		TN
KF4KVG	MARTINSVILLE	107.2	VA
KA4ZIP	WARSAW		VA
W8LG	PINEVILLE		WV
N8HON	SPRUCE KNOB		WV
W3PS	OCEAN CITY, NJ	156.7	ZZ
147.9000 / 147.3000			
N4ALE	COLBERT	123.0	GA
WB4YSV	ROME		GA
WR4MG	WARNER ROBINS	107.2	GA
K4ICN	ALLEN	123.0	KY
WA4SJH	SPRINGFIELD		KY
KA5LNY	MAGEE		MS
W4YSB	JEFFERSON	103.5	NC
N4JEX	KANNAPOLIS	136.5	NC
W4MZP	RED SPRINGS		NC
KE4HHR	CHARLESTON	103.5	SC
W4CAT	GALLATIN	114.8	TN
W4BBB	KNOXVILLE/RACK	100.0	TN
WA4ADT	MEMPHIS	107.2	TN
W4LG	FRANKLIN	131.8	VA
KI4ZR	LEXINGTON		VA
WB8NSL	HARISVL/PENSBRO	107.2	WV
147.9150 / 147.3150			
AD4EQ	DOUGLAS	141.3	GA
W4STJ	FORSYTH	88.5	GA
W4LJM	#HODGENVILLE		KY
KC4VXR	SALEM		KY
KD5MIS	HATTIESBURG	136.5	MS
KF4HFQ	ROLESVILLE	88.5	NC
K4MPJ	SAURATOWN MT	100.0	NC
K4PPD	SHALLOTTE	118.8	NC
K4JLA	SPARTANBURG		SC
KD4HZN	ROGERSVILLE	114.8	TN

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

N4ARK	SPARTA	123.0	TN
KE4VQM	TELLICO PLAINS	141.3	TN
K4HWQ	GRUNDY		VA
W3PS	CHESTER, PA	156.7	ZZ
147.9300 / 147.3300			
W4MAZ	COCHRAN	77.0	GA
WB4BXO	LAGRANGE		GA
K4NLX	SAVANNAH	100.0	GA
N4MTN	TOCCOA		GA
WA8KWH	ASHLAND		KY
KA4CFW	BOWLING GREEN		KY
KI4CAZ	MT. STERLING	103.5	KY
W5LAF	OXFORD	107.2	MS
N5EPP	PHILADELPHIA		MS
WA4FLR	FAYETTEVILLE		NC
KN4K	LENOIR/HIBRITN	141.3	NC
KF4GHC	COLUMBIA	156.7	SC
WD4ORB	MORGAN COUNTY	82.5	TN
WD4RBJ	PULASKI	100.0	TN
KI4ZR	LEXNGTN/ROCK MT.		VA
K8VE	WESTON	103.5	WV
147.9450 / 147.3450			
N4NEQ	ATLANTA/MARIETTA	151.4	GA
N4PJR	JESUP/SCREVEN	141.3	GA
WD4JZH	LEBANON	151.4	KY
N5PS	GREENVILLE	107.2	MS
N5ZMZ	UTICA		MS
N4IV	MADISON	103.5	NC
W4NYR	SHELBY		NC
KF4DTL	SYLVA	151.4	NC
WA4TEP	WASHINGTON		NC
W4ANK	CHARLESTON		SC
W4KW	CROSS PLAINS	114.8	TN
K4PHT	DAYTON		TN
NM4L	ABINGDON	103.5	VA
KC4KMY	EASTVILLE	156.7	VA
W3RUA	FRANKLIN		WV
KB8QXP	LOGAN/SUMERCO	100.0	WV
147.9600 / 147.3600			
W4SCR	DOUGLASVILLE	88.5	GA
WA4HZX	DUBLIN		GA
KQ9Z	LOUISVILLE		KY
W5CJR	HATTIESBURG		MS
KC5QGC	LOUISVILLE		MS
K5SVC	NATCHEZ	100.0	MS
WA4J	BOONE/RICH MTN	103.5	NC
WD4LDB	DURHAM	136.5	NC
W4PET	LUMBERTON		NC
N4EOY	COLUMBIA		SC
KA4OAK	LAFOLLETTE		TN
W4BS	MEMPHIS	107.2	TN
AF4TZ	NASHVILLE		TN
K4KLX	PARIS		TN
KA4CBB	CHESTERFIELD		VA
KB4OLM	STUARTS DRAFT		VA
N8FWL	BECKLEY	123.0	WV
WV8TC	MIDDLEBOURNE	110.9	WV
K7SOB	SKYLINE	127.3	WV
147.9750 / 147.3750			
K4TQU	ATHENS/CRAWFRD	127.3	GA
W4LAW	LOOKOUT MTN	77.0	GA
K4XYZ	BUCKHORN LAKE	103.5	KY
KA5VFU	GULFPORT		MS
KD4EAD	BETHEL	151.4	NC
KD4WAR	BURNSVILLE		NC
K4GWH	GRAHAM	114.8	NC
KI4CB	GEORGETOWN		SC
K4LEO	#GREENWOOD		SC
KF4CAU	#DICKSON		TN
K4PCK	#SEVIERVILLE	67.0	TN
W4NRV	PEARISBURG	100.0	VA
WD8LNB	GRAFTON	118.8	WV
147.9800 / 147.3800			
WB5NAY	PONTOTOC		MS
147.9900 / 147.3900			
KE4SNT	#BLACK ROCK MT		GA
W4CJB	PEMBROKE		GA
W4OHH	THOMASTON	131.8	GA
N4INT	#ARTEMUS	107.2	KY
WR8CRA	COVINGTON	123.0	KY
KY4OC	CRESTWOOD	151.4	KY
N8QCW	LOUISA	127.3	KY
W5PPB	CHUNKY	77.0	MS
WB4IUY	CLAYTON	88.5	NC
WA4QBG	EDEN/STONEVILLE		NC
WA4CHZ	LOCUST	100.0	NC
K4PPD	#SHALLOTTE	88.5	NC
N4DTR	WAYNESVILLE		NC
KA4FEC	LEXINGTON		SC
KF4L	CLARKSVILLE	123.0	TN
K4DPD	DAYTON/RHEA CTY		TN
KQ4E	#MORRISTOWN		TN
WA4BJY	OAKFIELD		TN
KF4TNP	#RICHLAND	167.9	TN
K4ARO	PETERSBURG		VA
N8RCG	KEYSER	123.0	WV
WV8D	LEWISBURG	100.0	WV
WD8CYV	PARKERSBURG	141.3	WV

220 MHZ

222.1800 / 223.7800			
WD8OHX	#LEON		WV
222.3000 / 223.9000			
WB4SJV	HERMITAGE		TN
222.3400 / 223.9400			
KC4QK	ASHLAND		KY
N4GSM	ROBBINSVILLE		NC
W4ZJM	MEMPHIS	*#	TN
222.3600 / 223.9600			
WR3S	SMITHVILLE		TN
AA2LD	MILLVILLE, NJ	156.7	ZZ
222.3800 / 223.9800			
W4CAT	GALLATIN	107.2	TN
W3PS	OCEAN CITY, NJ	156.7	ZZ
222.4200 / 224.0200			
WB4JEH	#CONYERS		GA
222.4600 / 224.0600			
W4NYR	SHELBY		NC
222.5000 / 224.1000			
K4SWS	EATONTON	179.9	GA
KA4UHL	NANCY	100.0	KY
KF4TNP	LEWISBURG		TN
K4YW	BRUMLEY MTN	77.0	VA
WB4YHD	FAIRFAX		VA
N4CH	ROANOKE		VA
222.5200 / 224.1200			
N4NFP	ATLANTA/MARIETTA	151.4	GA
WM4MD	MIDDLESBORO	82.5	KY
K4ITL	CHAPEL HILL		NC
W4GL	SUMTER		SC
WV8B	FLAT TOP/WINTRPL	100.0	WV
222.5400 / 224.1400			
KD4ALC	WALESKA		GA
WR4BEG	SOPHIS/RANDLEMAN		NC
WB4QHF	PICKENS/CSRS HD	131.8	SC
KB4PNG	ONEIDA		TN
N4HRV	CHARLOTTESVILLE	88.5	VA
N8FWL	LEWISBURG	123.0	WV
WR8M	WILLIAMSON		WV
222.5600 / 224.1600			
KC4JNN	BISKEY MTN	100.0	GA
KN4K	LENOIR/HIBRITN		NC
K4ITL	RALEIGH		NC
N7GZT	COLUMBIA		SC
WR3S	NASHVILLE		TN
KF4VED	BLUEMTN		VA
222.5800 / 224.1800			
N4YDX	DALLAS		GA
N7GZT	ORANGEBURG		SC
KB8FPK	#ERWIN	88.5	TN
KF4PVQ	MADISONVILLE	141.3	TN
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
222.6000 / 224.2000			
KC4OVY	#ATLANTA-NE	100.0	GA
WA4US	WILMINGTON		NC
W4ILY	GREENVILLE		SC
W4CBX	BLOUNTVILLE		TN
W4JAS	HAMPDEN-SYDNEY		VA
222.6200 / 224.2200			
WR4SG	RAY CITY	141.3	GA
AD4CR	VERSAILLES		KY
W4JWD	JEFERSON	88.5	NC
NF4C	ROCKY MOUNT		NC
KB4FZK	KNXVL/CROSS MT	100.0	TN
KO4BN	SPRINGFIELD		TN
N3HXT	WINCHESTER		VA
KC8LRN	HILLSBORO	91.5	WV
222.6400 / 224.2400			
N4YYD	FT MT/CHATSWTH	71.9	GA
WA4KNI	HENDSVL/BERWLW		NC
KE4QOX	KVILLE/HIPOINT	107.2	NC
N8FWL	BECKLEY	123.0	WV
222.6600 / 224.2600			
KE4QFG	MARIETTA	110.9	GA
K4NLT	GARRETT	79.7	KY
WA4BVW	ASHVL/MT PISGAH		NC
WR4AGC	HILLSBOROUGH		NC
N4PYI	SHORT MTN.	114.8	TN
222.6800 / 224.2800			
N4MNA	CONLEY		GA
AC4RZ	PICKENS		SC
KA4OAK	LAFOLLETTE		TN
K4DHT	MOUNTAIN CITY	103.5	TN
AB4M	LYNCHBURG		VA
222.7000 / 224.3000			
KB4TIW	VILLA RICA	131.8	GA
KA4MKT	LOUISVILLE		KY
N4AI	SOMERSET		KY
WA4WRS	BARIUM SPRINGS		NC
KF4PVQ	ATHENS	141.3	TN
KE4CKJ	STAUNTON/EL KNOB	131.8	VA
222.7200 / 224.3200			
N4MTA	ACWORTH/ATL	123.0	GA
KA4SQN	JACKSONVILLE		NC
W4IT	PICKENS/SASFR MT		SC
KK4US	CLEVELAND		TN
223.7200 / 224.3200			
K4TDO	LYNCH		KY
222.7400 / 224.3400			
W4DOC	ATLANTA	146.2	GA
WW4DC	THOMASVILLE	88.5	NC
WB4GBI	KNOXVILLE		TN
KM4OI	TYSONS CORNER		VA
N8FWL	BECKLEY/OAK HILL	123.0	WV
222.7600 / 224.3600			
N4BZJ	DALTON	100.0	GA
WB4PAC	GRIMESLAND		NC
KF4ZDS	MARSHALL		NC
WR3S	LAVERGNE		TN
KE4JSV	LURAY		VA
WB8YST	CHARLESTON	107.2	WV
222.7800 / 224.3800			
N4RBT	DAHLONEGA	100.0	GA
WR4AMS	META		KY
N4OQJ	KNOXVILLE	100.0	TN
WS4W	RIDGEWAY		VA
222.8000 / 224.4000			
KC4AQS	JASPER	100.0	GA
W4BFB	CHARLOTTE		NC
WB4QHF	PICKENS	131.8	SC
KB4YGI	COLLIERVILLE		TN
N4RBB	MORRISTOWN		TN
W8COX	SUTTON	123.0	WV
W3PS	POTTSTOWN, PA	156.7	ZZ
222.8200 / 224.4200			
KD4AOZ	WATKINSVILLE	123.0	GA
AC4AO	LEXINGTON		KY
N4PJX	CLARKESVILLE	123.0	TN
W4BS	MEMPHIS		TN
WD4GSM	NORTON/HIGH KNB		VA
WG8S	PATRICK SPRINGS	103.5	VA
WD4KHP	BELL KNOB		VA
222.8400 / 224.4400			
N4NEQ	ATLANTA/MARIETTA	151.4	GA
WB4GUG	GREENSBORO	107.2	NC
KN4CW	WEST SPRINGS		SC
KC4TFQ	#NASHVILLE		TN
N2FUV	SEVIERVILLE		TN
N8FWL	BLUEFIELD	123.0	VA
222.8600 / 224.4600			
N4BZJ	DALTON	118.8	GA
WR4SG	VALDOSTA	141.3	GA
K4XYZ	BUCKHORN LAKE	103.5	KY
N4DWP	SHELBY		NC
WR3S	NASHVILLE		TN
222.8800 / 224.4800			
KC4FWC	LOCUST		NC
K4ZGA	NASHVILLE		TN
KD4HZN	ROGERSVILLE		TN
KC8LRN	CRAIGSVILLE	91.5	WV
222.9000 / 224.5000			
N4MTA	ACWORTH/ATL	123.0	GA
N4DRL	BYHALIA		MS
AD4DN	WILMINGTON	88.5	NC
KG4JIA	GAFFNEY	123.0	SC
W4BBB	KNOXVILLE/RACK	100.0	TN
K4RCA	MARTINSVILLE		VA
222.9200 / 224.5200			
K4AIS	PINE LOG MTN		GA
WR4AMS	DORTON		KY
KD4CJG	ASHEVILLE	91.5	NC
N7GZT	LITTLE MTN		SC
222.9400 / 224.5400			
N4YEA	DALLAS		GA
WA4BVW	MT MITCHELL		NC
N8ITF	SPRINGFIELD		TN
WB4PVT	HAMPTON	100.0	VA
N8FWL	BECKLEY - WEST	123.0	WV
222.9600 / 224.5600			
W4RRG	LOOKOUT MT		GA
KD4RXF	LANCASTER		KY
N5CWH	LEESVILLE	162.2	SC
AC4JF	NEWPORT	100.0	TN
K4YW	WYTHEVILLE	77.0	VA
KC8CSE	GREENBANK	123.0	WV
222.9800 / 224.5800			
NX9O	ALPHARETTA	100.0	GA
WB4F	PIKEVILLE		KY
KR4AA	ROCKY MOUNT		NC
KB4VFD	CROSS		SC
N4KFI	KNOXVILLE	103.5	TN
223.0000 / 224.6000			
W4UWH	JASPER	100.0	GA
WB4PLA	ASHEVILLE		NC
KC4KUL	#BIG PHOENIX MTN	100.0	NC
KD4TZZ	MURFREESBORO	123.0	TN
W4LG	LAKE GASTON		VA
223.0200 / 224.6200			
W4PME	ATLANTA/BELL	100.0	GA
KD4DAR	PIKEVILLE		KY
KC4IRA	GASTONIA	127.3	NC
KD4JFN	HAW RIVER	107.2	NC
W4UWH	GATLINBURG		TN
W4GSF	GLOUCESTER		VA
223.0400 / 224.6400			
KG4JIA	CHERRY MTN	71.9	NC
W4RNC	RALEIGH		NC
N7GZT	COLUMBIA		SC
KC4RGQ	MORRISTOWN		TN
N8FWL	HINTON/BECKLEY	123.0	WV
223.0600 / 224.6600			
WB4ULJ	PINE MTN		GA
NP2Y	YOUNG HARRIS	100.0	GA
KE4RQL	BIG KNB/MARS HIL	100.0	NC
WA1YYN	EFLAND	107.2	NC
W4VFR	SUMTER/SHAW		SC
WR3S	NASHVILLE		TN
223.0800 / 224.6800			
N4BZJ	DALTON		GA
KJ4VF	STANVILLE	100.0	KY
WB4KPF	WILMINGTON		NC
KA4RCL	WAYNESBORO	131.8	VA
W3PS	EAGLEVILLE, PA	156.7	ZZ
223.1000 / 224.7000			
W4TIY	DALLAS		GA
WB9SZL	CLEMMONS	100.0	NC
KM4TC	DUNCAN	88.5	NC
KD4VUW	GALLATIN		TN
K4IBW	SEVIERVILLE	100.0	TN
K4ARO	PETERSBURG		VA
WS8L	CHARLESTON	123.0	WV
223.1200 / 224.7200			
W4UWH	CLAYTON		GA
WR4AMS	PRESTONSBURG		KY
WA4DAN	TRENTON		NC
K4MFD	GREENEVILLE	173.8	TN
KC8LRN	SLATY FORK	91.5	WV
223.1400 / 224.7400			
N4KVC	DALTON		GA
KD4WAR	BURNSVILLE		NC
N4PYI	NASHVILLE	100.0	TN
KC4JGC	NORFOLK	100.0	VA
N8FWL	BECKLEY - SOUTH	123.0	WV
223.1600 / 224.7600			
W4BOC	DECATUR		GA
KJ4VF	MOREHEAD	100.0	KY
KB7BTU	PLYMOUTH	131.8	NC
W4EXU	SALISBURY		NC
WQ4E	GREENBRIER		TN
K4PCK	KNOXVILLE		TN
WR3S	S. PITTSBURG		TN
WA4TFZ	CHARLOTTESVILLE		VA
223.1800 / 224.7800			
KC4KLW	CEDARTOWN	179.9	GA
WD9HIK	HOPKINSVILLE	179.9	KY
WB5OWY	VICKSBURG		MS
KO4BR	ORANGEBURG		SC
K4VCM	CHATTANOOGA		TN
KE4FH	JC/BUFFALO MT		TN
WA4KOG	MEMPHIS		TN
W4IY	WOODBRIDGE		VA
223.2000 / 224.8000			
WZ4SC	FORT MILL		SC
WQ4E	GREENBRIAR		TN
K4IBW	SEVIERVILLE		TN
KC8LRN	LEWISBURG	131.8	WV
KA1OKQ	CONCORD, NH	103.5	ZZ
223.2200 / 224.8200			
WR4MG	HAWKINSVILLE	107.2	GA
WR4AMS	HAZARD		KY
N4DWU	CANTON		NC
KF4IXK	KERNERSVILLE	107.2	NC
223.2400 / 224.8400			
W4TL	GAINESVILLE	203.5	GA
WR4MG	WARNER ROBINS		GA
WA4NC	BANNER ELK		NC
WA4DAN	GRIFTON		NC
KC4WGH	JOYNER	88.5	TN
KC4PRD	NASHVILLE		TN
N4PLV	BEDFORD		VA
N8FWL	ANSTED	123.0	WV
223.2600 / 224.8600			
KC4JNN	ALPHARETTA	100.0	GA
K4NOC	BISHOPVILLE		SC
WR3S	CULLEOKA	100.0	TN
KD4CWB	KNOX-SEVIERVILLE	100.0	TN
KQ4Q	PEARISBURG	107.2	VA
223.2800 / 224.8800			
WD4LUQ	YORKVILLE	77.0	GA
N4AI	SOMERSET		KY
N4DRL	WARSAW		MS
K4AIH	ANDRWS/ROBINSVL		NC
W4JYV	CARY	88.5	NC
K4DQ	FANCY GAP	100.0	VA
223.3000 / 224.9000			
W4LMA	MARIETTA		GA
N4EOY	COLUMBIA		SC
W4WC	GREENEVILLE	100.0	TN
WD9JGI	SWEETWATER	127.3	TN
AA4HQ	DELTAVILLE		VA
K4YDG	ROANOKE/TINKER		VA
223.3200 / 224.9200			
W4CSX	SNELLVILLE	100.0	GA
W4NYK	GRNVL/DOWNTWN	88.5	SC
W4RRG	CLEVELAND		TN
WA8O	BLUEFIELD		VA
223.3400 / 224.9400			
WB4KXO	AUGUSTA		GA
K4AIS	WALESKA/PNLG		GA
AD4RT	IRVINE		KY
N4JJ	FLORENCE		SC
WB4NKM	GREENEVILLE		TN
WA4PCD	NASHVILLE		TN
N2EDE	ROANOKE	107.2	VA
223.3600 / 224.9600			
K4RFL	ATLANTA/MARIETTA	100.0	GA
WR4AMS	WHITESBURG	203.5	KY
N4DWP	CHERRYVILLE		NC
N4QVI	GREENSBORO		NC
N4UQS	HENDERSONVILLE		NC
WR3S	SE NASHVILLE		TN
W3PS	CHESTER, PA	156.7	ZZ
223.3800 / 224.9800			
W4RRG	JASPER	100.0	GA
WR4AMS	LONDON		KY
W4LG	CHESAPEAKE		VA

440 MHZ

426.0500 / 420.0500			
K4CQ	LYNCHBURG	136.5	VA
434.0000 / 421.2500			
W4ZTL	ATLANTA/BELL		GA
K4NLX	SAVANNAH		GA
WD4ATV	JOHNSON CITY/BUF		TN
WA4GSS	HUNTINGTON		WV
KB8QHO	WHEELING		WV
439.2500 / 421.2500			
W4BEJ	ELIZABETHTOWN		KY
N4GUP	LEXINGTON		SC
WZ4O	SUMTER		SC
N4XND	GLOUCESTER		VA
W4HTB	BOWLING GREEN		KY
KA5NOJ	GAUTIER		MS
N3XA	WAYNESBORO		VA
WA4VHP	SAVANNAH		GA
438.7750 / 433.0750			
WA3KOK	CHESTERFIELD		VA
438.8000 / 433.2000			
WD4ICX	FANCY GAP		VA
445.7500 / 440.7500			
N4NSP	#ITINERANT	123.0	VA
446.2500 / 441.2500			
NQ4Y	MONTEAGLE MT.	107.2	TN
446.3500 / 441.3500			
KD4DXR	#WALESKA		GA
WA4USN	KNIGHTSVILLE		SC
446.4500 / 441.4500			
WA4USN	MT. PLEASANT		SC
446.5250 / 441.5250			
N4KJU	PAINTSVILLE	127.3	KY
KG4AQH	GREELEYVILLE		SC
446.6000 / 441.6000			

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

WA4AYB	RICHMOND		VA
446.6250 / 441.6250			
W4ERT	TAYLORSVILLE	123.0	NC
446.6750 / 441.6750			
N4ZON	JESUP	131.8	GA
446.7000 / 441.7000			
N4JNE	POPS PEAK		VA
446.7750 / 441.7750			
K4IJ	ROANOKE		VA
446.8000 / 441.8000			
KC4YNF	ACWORTH	77.0	GA
AF4MI	SYLVANIA		GA
AD4CC	UNION	179.9	KY
445.8250 / 441.8250			
K4WYV	SEVIER/PINE MT	88.5	TN
446.8250 / 441.8250			
KA4MLK	ROME	100.0	GA
446.8500 / 441.8500			
KC4YVV	DALTON	100.0	GA
KF4QLF	GRIFFIN		GA
KY4JD	FORT WRIGHT		KY
446.8750 / 441.8750			
W4LAW	DALTON	100.0	GA
K4NRC	NEWNAN	156.7	GA
KF4BJO	GAFFNEY	123.0	SC
WB4TWX	SIX MILE	123.0	SC
KD4TZZ	MURFREESBORO	107.2	TN
446.9000 / 441.9000			
WB4GQX	CUMMING	141.3	GA
AG4VT	PACOLET	100.0	SC
K7SOB	THOMAS	103.5	WV
446.9250 / 441.9250			
W4CSX	DALLAS	162.2	GA
446.9500 / 441.9500			
KE4OKD	SANDY SPRINGS	156.7	GA
K4TUE	NEWPORT	107.2	VA
446.9750 / 441.9750			
WB4ULK	COLUMBUS		GA
NE4GA	COMMERCE	123.0	GA
KG4BTN	GREENSBORO	162.2	NC
447.0000 / 442.0000			
WB6RTH	ALPHARETTA	107.2	GA
AF4UL	MACON	100.0	GA
N4ORL	LOUISVILLE		KY
AI4M	FOREST CITY	114.8	NC
N4HAJ	KINSTON	88.5	NC
K4TTC	HOHENWALD		TN
K4BTL	MARYVILLE		TN
W4LG	GASBURG		VA
WB3T	WYTHE/WALKER MT	103.5	VA
447.0250 / 442.0250			
W4CML	ATLANTA	127.3	GA
KD4KMK	YADKINVILLE	100.0	NC
447.0500 / 442.0500			
N1KDO	MARIETTA	107.2	GA
KD4ADJ	MT. STERLING	100.0	KY
WA1YYN	EFLAND	107.2	NC
WD4HEM	TIMMONSVILLE	123.0	SC
KD4XV	JASPER	127.3	TN
WB4SQC	JOHNSON CITY	100.0	TN
WA4BJY	MEDINA		TN
447.0250 / 442.0750			
W8BLA	ROSWELL		GA
447.0750 / 442.0750			
WJ4SR	EATONTON	123.0	GA
N4VOS	STANTON		KY
KD4PBS	APEX	114.8	NC
K4JLA	COLUMBUS	103.5	NC
N4JDW	WILMINGTON	88.5	NC
KJ4BJ	DAYTON		TN
KA4BNI	LEXINGTON	131.8	TN
KF4UCI	CHARLOTTESVILLE	151.4	VA
K4IJ	WYTHEVILLE	107.2	VA
447.1000 / 442.1000			
K4HUM	NORCROSS	100.0	GA
N4RBL	LOUISVILLE AREA		KY
K4USC	UNION		SC
KF4TNP	LEWISBURG	107.2	TN
WD4PAX	MILAN		TN
KQ4CI	#ASHBURN		VA
447.1250 / 442.1250			
W4ZT	ATL/UNION CITY	100.0	GA
KD4GRU	BLUERIDGE	146.2	GA
KG4IWI	HENDERSON	88.5	NC
WT4IX	NEWEL	156.7	NC
WT4F	PICKENS		SC
KB4YFV	HILLSVILLE	103.5	VA
447.1500 / 442.1500			
KD4GPI	SUGAR HILL		GA
KD4RTR	DORTON	167.9	KY
W4UNC	CHAPEL HILL	131.8	NC
N4SJW	CHARLESTON		SC
WJ9J	CHATTANOOGA		TN
KA4BNI	DRESDEN	131.8	TN
WD4RBJ	PULASKI	118.8	TN
KA4CBB	CHESTERFIELD		VA
447.1750 / 442.1750			
N4BZJ	DALTON	118.8	GA
K4NGQ	FRANKFORT	67.0	KY
KC4UBR	LINVILLE	136.5	NC
KE4GYN	ROXBORO	156.7	NC
WA4US	WILMINGTON		NC
KU4ZS	GRNVLE/GLASSY	123.0	SC
W4GMM	MEMPHIS	107.2	TN
W4VSP	WYTHEVILLE	103.5	VA
447.2000 / 442.2000			
KF4SKT	BLAIRSVILLE		GA
N3APR	DECATUR		GA
AA5SG	ELLISVILLE	167.9	MS
WA4US	WILMINGTON		NC
N7GZT	COLUMBIA	162.2	SC
KE4CCB	BLUFF CITY	100.0	TN
WA4BJY	OAKFIELD		TN
N4IFC	LYNCHBURG/T.ROW	103.5	VA
447.2250 / 442.2250			
WB5EGI	ATLANTA	100.0	GA
AB4JJ	MT. MITCHELL	107.2	NC
WJ9J	RCKWOOD/OZONE	131.0	TN
NO4Q	WAVERLY	110.9	TN
447.2500 / 442.2500			
K4HAC	MADRAS	141.3	GA
AA5SG	ELLISVILLE	136.5	MS
KB4PQA	GREENVILLE		SC
WD4DES	CLEVELAND	118.8	TN
WA4PGI	COVINGTON	100.0	VA
447.2750 / 442.2750			
K4DDH	MACON	100.0	GA
N4ZCM	AUBURN		NC
KO0NTZ	LEXINGTON	146.2	NC
KF4CFO	ATHENS	141.3	TN
KE4PFW	HENDERSON		TN
K8VKB	RICHWOOD	123.0	WV
447.3000 / 442.3000			
KW4KW	RINGGOLD	118.8	GA
WW4T	STATHAM		GA
KC4QPR	MORG/WALKER TOP	94.8	NC
KC4ED	SUMMERVILLE		SC
WA4UCE	COOKEVILLE	107.2	TN
KC4VDZ	RICHMOND	114.8	VA
447.3250 / 442.3250			
W4JLG	MABLETON		GA
WM4MD	MIDDLESBORO	67.0	KY
K2IMO	ELM CITY	88.5	NC
KB4GHT	HILLSVILLE	103.5	VA
447.3500 / 442.3500			
WD4NHW	BALDWIN		GA
KG4PTO	COLLEGE PARK	OT	GA
KE4SZK	RUSSELLVILLE	136.5	KY
KF5TU	LAKE GASTON	100.H	NC
WA4YGD	LINCOLNTON		NC
KE4VNN	LYNCHBURG	136.5	VA
KF5TU	MCKINNEY, TX	100.0	ZZ
447.3750 / 442.3750			
KE4QFG	MARIETTA		GA
KE4YRE	SHELBYVILLE		KY
WA4PXV	HICKORY		NC
KG4HDZ	WHITE BLUFF	123.0	TN
447.4000 / 442.4000			
W2SJB	DULUTH	100.0	GA
N4UER	WARM SPRINGS		GA
KF4JJD	GARRETT	79.7	KY
AA4XV	LATONIA		KY
WB4QHF	PICKENS/CSRS HD	127.3	SC
KA4BNI	HORNBEAK	131.8	TN
KF4YI	LYNCHBG/JACK MT.	107.2	VA
447.4250 / 442.4250			
K4SWS	EATONTON		GA
WK4E	MARIETTA		GA
KC4FIE	MADISONVILLE		KY
K4AE	#LEXINGTON	107.2	NC
WD4CWY	NEWBERRY	91.5	SC
W4YI	CHAT/WALDEN		TN
KA4BNI	JACKSON	131.8	TN
447.4500 / 442.4500			
W4CML	SNELLVILLE		GA
KD4CLR	LOUISVILLE AREA	151.4	KY
WA4TOG	HENDERSONVILLE		NC
N4LMR	RALEIGH		NC
KD4NED	CLEVELAND	88.5	TN
W8MOP	BLUEFIELD		VA
WA3KOK	CHESTERFIELD	107.2	VA
447.4750 / 442.4750			
K4NVG	LAVONIA	203.5	GA
W1MED	MARLOW	114.8	GA
W4RRG	ROSSVILLE	100.0	GA
KE4DGP	WILKESBORO	107.2	NC
AG4AN	FOREST		VA
W8CH	CHAPMANVILLE	123.0	WV
447.5000 / 442.5000			
W4PSZ	PEACHTREE CITY	77.0	GA
KE4PMP	VIDALIA	88.5	GA
KB4RYM	LOUISVILLE		KY
K4GFY	MOREHEAD		KY
KG4JIA	CHERRY MTN	94.8	NC
K4YNY	WILMINGTON	88.5	NC
WB4HAP	KNOXVILLE	103.5	TN
K1YJ	NASHVILLE	107.2	TN
W4CA	ROANOKE/POOR MT		VA
447.5250 / 442.5250			
N4XQM	ATLANTA	110.9	GA
KY4JD	FORT WRIGHT	123.0	KY
N2QJI	CONCORD	94.8	NC
WB3T	WYTHEVILLE	103.5	VA
447.5500 / 442.5500			
WB4JEH	CONYERS	151.4	GA
WD4ELX	LOUISVILLE		KY
WA4TOG	ASHEVILLE		NC
K1BUD	PITTSBORO		NC
K4EZK	TELLICO PLAINS	141.3	TN
W4RAT	RICHMOND	74.4	VA
447.5750 / 442.5750			
WA4BPY	CUMMING	79.9	GA
AE4LW	MADISONVILLE	100.0	KY
W4MLU	RALEIGH		NC
KU4RT	HENDERSON		TN
NU5O	MEMPHIS	77.0	TN
WB4IVB	JONESVILLE	100.0	VA
447.6000 / 442.6000			
KD4FOC	DUBLIN	77.0	GA
WA4OKJ	MARIETTA	100.0	GA
KD4ADJ	MT STERLING		KY
WD4NWV	ANDRWS/ROBINSVL	151.4	NC
WA4PXV	VALDESE		NC
N8ITF	SPRINGFIELD		TN
K4ARO	PETERSBURG		VA
K4ARO	ROANOKE		VA
447.6250 / 442.6250			
K4VJM	CLEVELAND	100.0	GA
W4YMT	HARLAN	100.0	KY
KE4KIV	NEWTON		NC
WB4EPG	MEMPHIS		TN
447.6500 / 442.6500			
KE4FHN	DANIELSVILLE		GA
W4RRG	LOOKOUT MT	100.0	GA
KD4GEU	ASHEVILLE		NC
N4IBM	CHARLOTTE	88.5	NC
KB4ZOE	NASHVILLE	100.0	TN
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
447.6750 / 442.6750			
KE4PVE	ATLANTA	100.0	GA
KD4BOH	ROCKPORT	77.0	KY
KA2NAX	MORAVIAN FALLS	88.5	NC
W4ATC	RALEIGH	100.0	NC
WA4MPZ	BLUFFTON	100.0	SC
W4RRG	CLEVELAND	100.0	TN
KA4BNI	CONCORD	131.8	TN
447.7000 / 442.7000			
KC4ZGN	ELLIJAY	77.0	GA
W4MAZ	MACON	97.4	GA
K4NLX	SAVANNAH		GA
NC4GC	GASTONIA	100.0	NC
N4FV	GREENVILLE	100.0	TN
WA4PZN	SHELBYVILLE		TN
W7CP	ROANOKE		VA
447.7250 / 442.7250			
KE4QFG	MARIETTA/ATL		GA
KB4YJ	LOUISVILLE	151.4	KY
N5LRQ	HATTIESBURG	167.9	MS
AA4LB	SIMPSONVILLE	100.0	SC
KG4LUY	COLUMBIA	100.0	TN
KE4MBR	DECATUR	141.3	TN
KF4RMT	BASSETT	107.2	VA
KB8PCW	GILBERT		WV
447.7500 / 442.7500			
N3DAB	JASPER	141.3	GA
KD4HEY	ABBEVILLE	162.2	SC
KE4SWV	CASTALIAN SPRING	123.0	TN
KN4E	ELIZABETHTON	88.5	TN
WD4KZK	ROANOKE/MILL MT	107.2	VA
447.7750 / 442.7750			
KB4TIW	VILLA RICA	131.8	GA
KC4FIE	MADISONVILLE		KY
KI4ASR	ARCHDALE	127.3	NC
KG4LWG	GASTONIA	123.0	NC
KF4CDR	CHARLESTON		SC
AE4PZ	MOUNTAIN REST	127.3	SC
N4GMT	ARLINGTON	107.2	TN
WS4J	PULASKI	91.5	VA
447.8000 / 442.8000			
N4NFP	ATL/MARIETTA		GA
N4AAD	YADKINVILLE	100.0	NC
WD4LUR	LAKE CITY	100.0	TN
KA4BNI	SELMER	131.8	TN
KB4MIC	GUM SPRING	203.5	VA
447.8250 / 442.8250			
W1CP	CLAYTON	162.2	GA
KC4ENL	HAPEVILLE	167.9	GA
K4ITL	LEVEL CROSS	82.5	NC
WF4G	MEMPHIS		TN
KT4PN	ONEIDA		TN
447.8500 / 442.8500			
WB4HJG	LAWRENCEVILLE	82.5	GA
AG4AZ	BREVARD		NC
N3ZE	ROANOKE/POOR MT		VA
WB8NSL	PENNSBORO	103.5	WV
447.8750 / 442.8750			
K4RFL	ATLANTA/MARIETTA	100.0	GA
W4MAZ	COCHRAN	77.0	GA
W4GSO	GREENSBORO	88.5	NC
KC4WHL	HARRIMAN	136.5	TN
KF4OCK	LORETTO	203.5	TN
447.9000 / 442.9000			
KF4RLZ	LAWRENCEVILLE	123.0	GA
WR4MG	WARNER ROBINS		GA
W4CMR	IRVINE		KY
WW4DC	THOMASVILLE	88.5	NC
N4WT	CHATT/HIXSON		TN
KA1FFO	CLARKSVILLE	110.9	TN
KE4CES	JACKSON	114.8	TN
W4MT	NEWPORT NEWS	100.0	VA
447.9250 / 442.9250			
WB4RL	LITHIA SPRINGS	100.0	GA
K4CH	LEXINGTON	107.2	NC
N5YKR	LEXINGTON	123.0	TN
WD4OAR	WHITE OAK MT	100.0	TN
KB8QKM	CHARLESTON	71.9	WV
447.9500 / 442.9500			
AA4AI	ATHENS	179.9	GA
N4XGI	ST SIMONS ISLAND	131.8	GA
W4TSI	SURF CITY	118.8	NC
W4ERT	TAYLORSVILLE	151.4	NC
KB9EBA	LENOIR CITY		TN
KC4YLL	PARIS	123.0	TN
AB4FU	LYNCHBURG		VA
W4VB	NORFOLK	131.8	VA
447.9750 / 442.9750			
WA4YNZ	ATLANTA		GA
AG4TY	WAYNESBURG		KY
KF4DAR	KERNERSVILLE	107.2	NC
KB8KSP	ABINGDON	100.0	VA
448.0000 / 443.0000			
W4DXX	BAINBRIDGE	100.0	GA
W4DRC	CHATSWORTH		GA
KE4ZRT	DOUGLAS	141.3	GA
KT4GB	BARDSTOWN		KY
KD4DVI	PADUCAH	179.9	KY
W4GOL	GOLDSBORO	100.0	NC
AG4GW	CHERAW	123.0	SC
KW4LS	LEBANON	100.0	TN
W4ZJM	MEMPHIS	*#	TN
KM4X	WHITETOP MT	103.5	VA
N8HZ	HUNTINGTON		WV
448.0250 / 443.0250			
W4CML	ATLANTA	127.3	GA
WA4RVB	WRIGHTSVILLE	156.7	GA
KE4OOL	LEXINGTON	123.0	KY
WB4IKY	GIBSONVILLE	107.2	NC
N4UAG	KNOXVILLE		TN
KA8YEZ	WHEELING	77.0H	WV
448.0500 / 443.0500			
N1IP	SNELLVILLE		GA
W1WBT	SAURATOWN MTN	136.5	NC
N8FWL	BECKLEY	123.0	WV
W3PS	CHESTER, PA	156.7	ZZ
448.0750 / 443.0750			
WA4EOC	CANTON	107.2	GA
WX4EMA	MACON	156.7	GA
WR4BEG	SOPHIA/RANDLEMAN		NC
KA4AZQ	KNOXVILLE	100.0	TN
KC8SDN	FLATWOODS	123.0	WV
448.1000 / 443.1000			
N4KHQ	DAHLONEGA	100	GA
N4WJS	OWENSBORO	110.9	KY
KE4QOX	SAURATOWN MT	88.5	NC
KI4D	ROCK HILL	162.2	SC
KF4TNP	BRICK CHURCH	167.9	TN
KA4JXT	MEMPHIS	107.2	TN
KN4YM	POWHATAN		VA
KE4QOX	BECKLY/OAK HILL	107.2	WV
448.1250 / 443.1250			
KG4PUW	STOCKBRIDGE	100.0	GA
KU4ML	FOSTER		KY
KB4PQA	CRAB CREEK TWP		NC
WA4NNA	RALEIGH		NC
KT4OL	CHATTANOOGA		TN
KT4OL	CHATTANOOGA		TN
KA4JXT	FISHERVILLE		TN
KC4PRD	GOODLETTSVILLE	107.2	TN
WB3T	MARION	103.5	VA
448.1500 / 443.1500			
KF4XH	BYRON		GA
W4PME	ROSWELL/BELL	100.0	GA
KD4PBC	MIDDLESBORO	146.2	KY
W4HG	SALISBURY	136.5	NC
KD4PBC	GATLINBURG	146.2	TN
KD4PBC	TRI-CITIES	146.2	TN
448.1750 / 443.1750			
K4AIS	CARTERSVILLE	100.0	GA
KC4COV	FLORENCE	131.8	KY
KD4HLH	LAURENS	146.2	SC
KG4GCZ	MT PLEASANT	107.2	TN
WG8S	PATRICK SPRINGS		VA
448.2000 / 443.2000			
KD4APP	PINE LOG MT	103.5	GA
KC4FWC	#STANFIELD	77.0	NC
KC4WDI	YOUNGSVILLE	88.5	NC
W4WC	GREENEVILLE	100.0	TN
W4BS	MEMPHIS	107.2	TN
KB4YKV	AMELIA		VA
448.2250 / 443.2250			
WA4DIW	JONESBORO		GA
KD4TAH	FRANKLIN		KY
KS4TO	WADDY		KY
W8EMX	HUNTERSVILLE	110.9	NC
N4ZCM	RALEIGH		NC
W3FCC	TELLICO PLAINS	141.3	TN
W8LG	BECKLEY/BOLT		WV
448.2500 / 443.2500			
KC4JNN	BISKEY MTN	100.0	GA
KJ4VF	DORTON		KY
KJ4VF	MOREHEAD	100.0	KY
N4JEX	CHINA GROVE	136.5	NC
448.2750 / 443.2750			
KC4KLW	ROCKMART	179.9	GA
KF4TLA	ASHEVILLE	103.5	NC
WA4WTX	ROUGEMNT/RED MT	100.0	NC
WA4AWI	LEBANON	107.2	TN
448.3000 / 443.3000			
WW4GA	ATHENS		GA
KA4ZTY	LINDALE	127.3	GA
KB5DZJ	WIGGINS	167.9	MS
KB4TOH	COLUMBIA	131.8	NC
AI4M	FOREST CITY	114.8	NC
KA7UEC	COLLIERVILLE	107.2	TN
WA4KJH	GATLBG/COVE MT	100.0	TN
WS8L	CHARLESTON	123.0	WV
448.3250 / 443.3250			
N4JMD	STOCKBRIDGE		GA
WA4CMO	FRANKFORT		KY
KF4IXK	KERNERSVILLE	131.8	NC
W3FCC	MADISONVILLE	141.3	TN
WB3T	DISMAL PEAK	103.5	VA
448.3500 / 443.3500			
N4YYD	FT. MT/CHATSWTH	71.9	GA
K4ULW	LOUISVILLE SW		KY
W5CJR	PETAL		MS
N4JEX	KANNAPOLIS	136.5	NC
W4IQQ	GRNVLE/PARIS MT		SC
WA4AWI	DEASON	107.2	TN
K4GX	ROGERSVILLE		TN
N8LHL	ROCKPORT	123.0	WV
KA1OKQ	PETERBORO, NH	110.9	ZZ
448.3750 / 443.3750			
KC4AQS	JASPER	100.0	GA
W1IFL	RALEIGH		NC
KG4SFI	GLADEVILLE	151.4	TN
KF4DYE	SEYMOUR	156.7	TN
W4RCT	INDEPENDENCE	103.5	VA
KC8SDN	RICHWOOD	123.0	WV
448.4000 / 443.4000			
WB4GWA	CONCORD	110.9	GA
N1IB	CUMMING	107.2	GA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

K4XYZ	BUCKHORN LAKE	103.5	KY
N0SU	BRYSON CITY	151.4	NC
AD4DN	WILMINGTON	88.5	NC
AC4WW	AIKEN	107.2	SC
WA4QWW	MEMPHIS		TN
N8ITF	MILLERSVILLE		TN
448.4250 / 443.4250			
KD4CPO	BRUNSWICK		GA
AE4JO	EMERSON	103.5	GA
KB4MDE	JASPER		GA
KD4RTR	MILLARD		KY
WA1YYN	RES. TRIANGLE PK	156.7	NC
448.4500 / 443.4500			
WC4RAV	COBB COUNTY	103.7	GA
KB4VAK	HIGH PT/LOOKT MT	77.0	GA
AE4NU	COX'S CREEK	151.4	KY
KZ4G	FLATWOODS	107.2	KY
KC5LCW	GAUTIER	123.0	MS
N5WXD	WEST POINT		MS
N4VOZ	STATESVILLE		NC
AC4RZ	HICKORY TAVERN	162.2	SC
KE4PJW	NASHVILLE	107.2	TN
KC4RBA	LYNCHBURG	186.2	VA
448.4750 / 443.4750			
W4EEE	BOGART		GA
WB4QOJ	DALLAS	77.0	GA
KC4COV	BEAVERLICK	131.8	KY
KE4UIU	CANTON	156.7	NC
W4UNC	CHAPEL HILL	131.8	NC
WZ4SC	FORT MILL		SC
KB8YDD	RICHWOOD		WV
KE4LRX	HUNTSVILL, AL		ZZ
448.5000 / 443.5000			
WB4BQX	MARIETTA		GA
WD9EQC	LOUISVILLE		KY
KF4BRO	MAYSVILLE	123.0	KY
WB4UBY	META		KY
W5SAR	WAYNESBORO		MS
AB4JJ	WEST JEFFERSON	107.2	NC
N5CWH	LEESVILLE	162.2	SC
KD4CWB	KNOXVILLE		TN
448.5250 / 443.5250			
N4PQR	KNOXVILLE	114.8	GA
KC4KLW	ROME	179.9	GA
KD4EVB	BURLINGTON	131.8	KY
N4EUX	LENOIR/CAJAH MT		NC
KF4TNP	COLUMBIA	162.2	TN
KG4WKL	COOKEVILLE	91.5	TN
KD4MJO	SOUTH HILL	100.0	VA
448.5500 / 443.5500			
KK4IN	DACULA		GA
KE4WLP	GRIFFIN		GA
N4HZX	GRAEFENBURG		KY
W5SAR	WAYNESBORO		MS
KC4XE	WILKESBORO	94.8	NC
WB4LRD	CHATTANOOGA		TN
K4ORE	CLARKSVILLE	110.9	TN
448.5750 / 443.5750			
KD4NTF	CEDARTOWN	107.2	GA
NU5O	SOUTHAVEN	77.0	MS
WA4PXV	AIR BELLOWS GAP		NC
KA6UHV	COLLEGEDALE	131.8	TN
W4LYR	LEBANON	100.0	TN
KC8AUY	RICHWOOD		WV
448.6000 / 443.6000			
KA5WZY	ATLANTA	146.7	GA
KA4UHL	NANCY	100.0	KY
K4EG	BURLINGTON	123.0	NC
N4DWU	MT MITCHELL	114.8	NC
W4TLB	BIG SANDY	114.8	TN
KC8PFI	KENOVA	162.2	WV
448.6250 / 443.6250			
K4MDS	GRAY		GA
KF4OYP	JASPER	100.0	GA
KF4NTQ	GEORGETOWN		KY
AA5RZ	JACKSON, EAST		MS
W4EUS	RES. TRIANGLE PK		NC
KE4EAN	COWPENS	136.5	SC
KA7UEC	COLLIERVILLE	107.2	TN
AD4QG	EVA		TN
KC4MJN	JAMESTOWN	100.0	TN
WZ8E	BLUEFIELD	100.0	WV
448.6500 / 443.6500			
W4CML	ATLANTA	123.7	GA
N4WJS	OWENSBORO	110.9	KY
W5NRU	LAUREL	100.0	MS
K4AIH	ANDRWS/ROBINSVL		NC
KD4WAR	BURNSVILLE		NC
KG4BTN	GREENSBORO	88.5	NC
WA4AXH	NOLENSVILLE		TN
KG4NJA	HAMPTON	173.8	VA
KC8SDN	CRAIGSVILLE	123.0	WV
KA1OKQ	CONCORD, NH	131.8	ZZ
448.6750 / 443.6750			
N4GWO	BARNESVILLE		GA
K4WOC	CALHOUN	100.0	GA
KD4FRP	CROWDER'S MT		NC
AD4LR	PARIS		TN
K4IBW	SEVIERVILLE	100.0	TN
KS4KX	ROANOKE/POOR MTN		VA
448.7000 / 443.7000			
W4TIY	DALLAS		GA
KY4KY	BROOKS	151.4	KY
K5PN	HATTIESBURG	136.5	MS
N5WDG	RIDGELAND	77.0	MS
KE4QOX	KVILLE/H POINT	103.5	NC
WA4LBT	LOCUST		NC
N4JEH	NASHVILLE	107.2	NC
K4VVM	BARTLETT	107.2	TN
AG4VW	CENTERVILLE	100.0	TN
KB4OTK	LAFOLLETTE		TN
KB8UJG	PRINCETON	123.0	WV
448.7250 / 443.7250			
KB2DZA	CONYERS	77.0	GA
KE5LT	PICAYUNE	179.9	MS
K4GWH	GRAHAM	156.7	NC
KC4KPJ	CLOVER	127.3	SC
W1ARN	NASHVILLE	107.2	TN
W3FCC	SWEETWATER		TN
N8SNY	WELCH		WV
448.7500 / 443.7500			
K4GO	COVINGTON	146.2	GA
KF4BMG	#MARIETTA	79.7	GA
KK4WH	WHITESBURG	107.2	KY
KC4ZTI	GASTONIA/CRWDR		NC
K4WWV	ALAMO		TN
WA4OHX	HAMPTON	100.0	VA
KC3FB	PATRICK SPRINGS	77.0	VA
448.7750 / 443.7750			
N4YF	SUGAR HILL	82.5	GA
KF4INN	VERSAILLES		KY
WB4SRV	CLAREMONT	118.8	NC
KD4JFN	HAW RIVER	107.2	NC
KF4Y	LAURENS	141.3	SC
KA4MHJ	SPENCER	123.0	TN
448.8000 / 443.8000			
N4NFP	ATLANTA/MARIETTA	151.4	GA
K4MSU	MURRAY	91.5	KY
N5IAT	NATCHEZ		MS
KC4QZL	MORGANTON		NC
W4HNK	MT PLEASANT	123.0	SC
KD4CWB	KNOXVILLE	100.0	TN
KG4NRC	NASHVILLE	123.0	TN
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
W4POX	PORTSMOUTH		VA
KA8OTX	OAK HILL		WV
448.8250 / 443.8250			
KD4HPD	STONE MTN	123.0	GA
KD4EVB	FALMOUTH	107.2	KY
K4AVY	PRESTONSBURG	127.3	KY
N5ZNS	GLOSTER		MS
KC4FWC	#LAURINBURG	77.0	NC
KI4BMD	JACKSON	114.8	TN
KI4BMD	JACKSON	114.8	TN
KC4KRM	SHELBYVILLE		TN
KF4RMT	MARTINSVILLE	107.2	VA
WB4KZI	PETERSBURG		VA
448.8500 / 443.8500			
K4PLM	#WALESKA	192.8	GA
KC4YOZ	DALLAS CHLT	100.0	NC
WA4US	WILMINGTON		NC
N4ULM	FRANKLIN		TN
KE4OVN	LANEVIEW	107.2	TN
KQ4I	DANVILLE		VA
KB8TGK	HUNTINGTON	88.5	WV
448.8750 / 443.8750			
KD4LXT	ATLANTA		GA
KC4KPW	PINEY KNOB	103.5	NC
WO4U	CROSSVILLE	88.5	TN
WC4EOC	KIRKLAND		TN
KD4KPV	MCKENZIE		TN
W4DUM	WILLIS		VA
W8SP	FAIRMONT		WV
448.9000 / 443.9000			
K4RHJ	FLOWERY BRANCH	131.8	GA
KC4KZT	DAVID	167.9	KY
W4UA	HIGH POINT		NC
W4GWD	GREENWOOD	107.2	SC
KD4HII	CHATTANOOGA		TN
W4KOC	WHITE HOUSE	107.2	TN
KC8CNL	HINTON	100.0	WV
448.9250 / 443.9250			
KQ4XL	MONROE	123.0	GA
W4BAB	RINGGOLD		GA
KF4GUZ	#SPRUCE PINE		NC
N4PYI	DRIPPING SPRING	162.2	TN
KE4KNZ	MCEWEN	107.2	TN
K4DHT	MOUNTAIN CITY	103.5	TN
KF4AGO	SOUTH BOSTON		VA
448.9500 / 443.9500			
KA4UFM	DECATUR	110.9	GA
W4LJM	CANE VALLEY		KY
KG4WCQ	EARLINGTON	179.9	KY
N5ZDF	HAZLEHURST	100.0	MS
KD4OWV	CHARLOTTE		NC
WA1YYN	HILLSBOROUGH	114.8	NC
WA4US	WILMINGTON		NC
N4ER	MEMPHIS		TN
W4UOT	WINCHESTER	107.2	TN
448.9750 / 443.9750			
KB4NPO	REX		GA
K4TDO	HAZARD		KY
N4KWT	LOUISVILLE	100.0	KY
KI4CGV	EDEN/REIDSVILLE		NC
N4VDE	LIBERTY	103.5	SC
WR3S	LAVERGNE		TN
KA4WJS	ROCKWOOD		TN
N8FIP	WESTON		WV
449.0000 / 444.0000			
WB4QDX	LAWRENCEVILLE	127.3	GA
WD4AFY	#SAVANNAH		GA
AD4RT	IRVINE		KY
K9OWU	PADUCAH	179.9	KY
W5PFR	CLINTON	100.0	MS
K4JEQ	HICKORY		NC
KI4RK	SELMA		NC
W4ULH	FLORENCE		SC
WD4BKY	GALLATIN		TN
KD4CWB	KNOXVILLE	100.0	TN
W4RRG	SOUTH PITTSBURG	100.0	TN
W4CAR	CHESAPEAKE	162.2	VA
N4TZE	LYNCHBURG	103.5	VA
KC8IT	MULLENS		WV
449.0250 / 444.0250			
W4CML	LAWRENCEVILLE	127.3	GA
AE4PO	WAYCROSS	141.3	GA
KD4JFN	HIGH POINT	107.2	NC
WC4EOC	FRANKLIN		TN
K4CRS	KINGSTON		TN
K4RDK	MEMPHIS		TN
WB3T	ABINGDON	103.5	VA
449.0500 / 444.0500			
N4NEQ	ATLANTA/MARIETTA	151.4	GA
KE4NLL	SALYERSVILLE	127.3	KY
KB4PTJ	WILLIAMSBURG	100.0	KY
N4JDW	WILMINGTON	88.5	NC
W1WBT	LAKE WYLIE	136.5	SC
N4PYI	NASHVILLE	107.2	TN
WB3T	FANCY GAP	103.5	VA
KB4OLM	STUARTS DRAFT		VA
449.0750 / 444.0750			
W4FWD	CARROLLTON	131.8	GA
KB8SBN	INDEPENDENCE	110.9	KY
KD4BOH	ROCKPORT	77.0	KY
K4CCR	ANDSN MT/DENVER	88.5	NC
N4JDW	BURGAW	88.5	NC
WA4TCC	SCOTLAND NECK	156.7	NC
KC4PDQ	MARYVILLE	100.0	TN
KF4ATY	MEMPHIS	107.2	TN
KG4UHH	NUNNELY		TN
KD4TBC	GRETNA/SMITH MT	123.0	VA
K8WRF	HURRICANE		WV
KC8FZH	MOUNDSVILLE		WV
449.1000 / 444.1000			
WR4CW	ATLANTA/GLENRI	100.0	GA
W4WSM	BOWLING GREEN		KY
N4UL	LOUISVILLE	173.8	KY
KB5BRZ	MERIDIAN	131.8	MS
WR4AGC	DURHAM		NC
W4PAX	LANCASTER	192.8	SC
W4AM	CHATTANOOGA		TN
KE4FH	JOHNSON CITY		TN
KA4JXT	MEMPHIS		TN
KE4CKJ	STAUNTON/EL KNOB	131.8	VA
KB4ZIN	WILLIAMSBURG		VA
N8ILO	PARKERSBURG (OH)		WV
449.1250 / 444.1250			
AF4PX	KINGSTON		GA
KB8QLC	LEXINGTON	88.5	KY
WB4GUG	MCLEANSVILLE		NC
KC4ECD	LAFAYETTE	107.2	TN
KA4JXT	MEMPHIS	107.2	TN
W4CMH	SOUTH HILL		VA
N8LVE	BECKLEY		WV
N8RCG	KEYSER	103.5	WV
449.1500 / 444.1500			
W4PME	ATLANTA/BELL	100.0	GA
WB4IVB	MIDDLESBORO	100.0	KY
WD5BJT	CLERMONT HARBR	77.0	MS
WB5YCR	NEW ALBANY		MS
K4JDR	#CLAYTON	100.0	NC
AG4EI	GASTONIA/CRWDR		NC
W4GL	SUMTER	123.0	SC
KE4LQY	CHATTANOOGA		TN
AF4TZ	NASHVILLE	107.2	TN
KI4ZR	LEXNGTN/ROCK MT.		VA
KA1OKQ	PEMBROKE, NH		ZZ
449.1750 / 444.1750			
KE4PVE	COVINGTON	100.0	GA
KC4COV	COVINGTON	131.8	KY
W4FBC	LILLINGTON	118.8	NC
KF4L	CLARKSVILLE	123.0	TN
W2GLJ	GERMANTOWN		TN
KN4QB	KNOXVILLE	203.5	TN
K4IJ	ROANOKE/POOR MTN	103.5	VA
N8FMD	CLARKSBURG	103.5	WV
449.2000 / 444.2000			
KF4HQV	LAWRENCEVILLE	100.0	GA
KD4RTR	PIKEVILLE		KY
WB4YNF	#AHOSKIE	131.8	NC
KE4QEA	#KING/SAURATOWN	100.0	NC
WA4US	WILMINGTON		NC
KF4GHC	LEXINGTON	156.7	SC
KD4HII	CHATTANOOGA		TN
K4MFD	GREENEVILLE	173.8	TN
N4ARK	NASHVILLE		TN
WB4VWR	CHESTER		VA
W8FES	FLATWOODS		WV
449.2250 / 444.2250			
KE4SJO	WOODSTOCK		GA
KF4RBD	RINEYVILLE	151.4	KY
K4GWH	GREENSBORO	146.2	NC
W4NCS	KNOXVILLE	100.0	TN
N4ARK	NASHVILLE	114.8	TN
WV8AR	CHARLESTON	123.0	WV
449.2500 / 444.2500			
W4BOC	DECATUR		GA
KF4DC	GLASGOW/CVCTY		KY
WA4KNI	HENDSVL/BERWLW		NC
N4EWS	LOUISBURG	88.5	NC
K4SER	WILLIAMSTON	131.8	NC
WA4PAJ	BARTLETT		TN
WQ4E	GREENBRIER		TN
WA4TFZ	CHARLOTTESVILLE	151.4	VA
N8ZAR	BUCKHANNON		WV
449.2750 / 444.2750			
N4CHC	BUCHANAN		GA
K4JLG	CORNELIA	100.0	GA
K4DDH	GRAY	141.3	GA
KF4IFC	CORBIN	79.7	KY
KU4MJ	DAWSON SPRINGS		KY
NC4BJ	PINEVIEW	131.8	NC
W4NC	WINSTON-SALEM	100.0	NC
W4GZX	CLEVELAND		TN
WA4AXH	LEBANON		TN
W4RDF	#PRINCE GEORGE	103.5	VA
KC8CSE	DUNMORE	123.0	WV
449.3000 / 444.3000			
KC4GZX	ATHENS/CRAWFORD	127.3	GA
KC4YNY	HOGANSVILLE		GA
KD4RTR	ELKHORN CITY	167.9	KY
KG4JNM	LOUISVILLE	156.7	KY
N4DRL	BYHALIA	110.9	MS
KC5RC	HEIDELBERG	100.0	MS
WA4VTX	ELIZABETH CITY	131.8	NC
W4ZO	MONROE	100.0	NC
N4MNH	CHARLESTON		SC
WB4GBI	KNOXVILLE		TN
WA4BZU	NASHVILLE	107.2	TN
K4BW	ACCOMACK	156.7	VA
KI4ZR	LEXINGTON		VA
W4XE	HUNTSVILLE, AL		ZZ
449.3250 / 444.3250			
KF4BMG	MARIETTA	79.7	GA
KF4AUF	HOLLY SPRINGS	100.0	NC
W4NYR	SHELBY		NC
WA4BZU	CLARKSVILLE	107.2	TN
KB4KSL	KNOXVILLE		TN
WB3T	ROANOKE	103.5	VA
KA8ZXP	GLENVILLE		WV
449.3500 / 444.3500			
W4CBA	GAINESVILLE	131.8	GA
WR4SG	VALDOSTA	141.3	GA
K4CO	EDGEWOOD	123.0	KY
K4KAY	CHARLOTTE	118.8	NC
WB4IKY	GIBSONVILLE	107.2	NC
KR4LO	GRANTSBORO		NC
WD4BKY	GALLATIN	114.8	TN
KD4CLA	PIGEON FORGE	88.5	TN
N4CH	BEDFORD		VA
WB8YST	CHARLESTON	107.2	WV
449.3750 / 444.3750			
KB4IZF	JASPER	103.5	GA
KD4DAR	PIKEVILLE		KY
KB5HAV	PEARL	88.5	MS
N4DTR	FRANKLIN	131.8	NC
KB4WGA	HENDERSON	100.0	NC
KB4YTM	HUNTINGDON		TN
KR4BT	SPARTA	123.0	TN
N4OWU	FANCY GAP	107.2	VA
449.4000 / 444.4000			
WB4HJG	LULA	71.9	GA
WB4ULJ	PINE MTN		GA
AC4VV	SHEPHERDSVILLE		KY
KC4COV	WITHAMSVILLE	131.8	KY
K4MN	FAYETTEVILLE	100HZ	NC
K4EAJ	JOYNER	82.5	TN
WA4KOG	MEMPHIS		TN
N4PYI	MT JULIET		TN
N8LVE	ALDERSON/SAM BLK	100.0	WV
KC8RRI	CROSS LANES	91.5	WV
N8HON	MADISON, VA		ZZ
449.4250 / 444.4250			
K4PE	HELEN	127.3	GA
W4LAW	SUMMERVILLE	100.0	GA
KD4EVB	DRY RIDGE - WEST	107.2	KY
KF4QZN	MORGANTOWN	103.5	KY
N4HAJ	FOUNTAIN	88.5	NC
NC4UC	MONROE	94.8	NC
N2BR	ALGOOD	88.5	TN
KC4NNN	KNOXVILLE		TN
WA4ISI	ALTAVISTA	100.0	VA
KB8TJH	SHIRLEY		WV
449.4500 / 444.4500			
W4DOC	ATLANTA	146.2	GA
KO4OT	SIMPSONVILLE	100.0	KY
KD5AHI	ABERDEEN	210.7	MS
KB5LCL	JACKSON	141.3	MS
W4CQ	CHARLOTTE		NC
WR4AGC	HILLSBOROUGH	100.0	NC
N4DTR	WAYNESVILLE		NC
WA4US	WILMINGTON		NC
W4CAT	GALLATIN	107.2	TN
WJ9J	SODDY DAISY		TN
W8MOP	BLUEFIELD		VA
449.4750 / 444.4750			
N4CLA	SWEAT MT/MARIETT		GA
KF4QZN	MAMMOTH CAVE	179.9	KY
AD4BI	PIKEVILLE		KY
KG4BTN	GREENSBORO	107.2	NC
N4ZKR	NEWBERN	107.2	TN
N4ZKR	SUMMITVILLE	107.2	TN
K4IJ	DALEVILLE	103.5	VA
AD4ZK	NORFOLK	127.3	VA
K8VE	BUCKHANNON	146.2	WV
449.5000 / 444.5000			
W4MM	ALBANY		GA
KD4GPI	ATLANTA	110.9	GA
N4BZJ	DALTON	118.8	GA
KD4GMH	MANCHESTER		KY
W5LRG	MERIDIAN	107.2	MS
W4PAR	LEXINGTON		NC
N4JEH	TARBORO	100.0	NC
K4NOC	BISHOPVILLE	123.0	SC
KE4CCB	BLUFF CITY	77.0	TN
AC4RS	CLARKSVILLE	123.0	TN
K4DAV	COOKEVILLE		TN
N4WAH	MEMPHIS		TN
K4CQ	LYNCHBRG/TOB MT	136.5	VA
449.5250 / 444.5250			
W4GR	SNELLVILLE	82.5	GA
KJ4VF	GRETHEL		KY
N5NNI	NEW HEBRON		MS
W4RNC	RALEIGH	82.5	NC
K4WBT	WAXHAW	94.8	NC
N4LV	MYB BCH/BRKSVIL		SC
KI4BXI	BROWNSVILLE	107.2	TN
KB4REC	KNOXVILLE	100.0	TN
WA4BGK	NASHVILLE	107.2	TN
WB8YST	BECKLEY/OAK HILL	110.9	WV
449.5500 / 444.5500			
WB4JEH	CONYERS	151.4	GA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Concludes

N4WJS	LEWISPORT	110.9	KY
KC4DUU	LEXINGTON		KY
K4JDR	BENSON/COATS	100.0	NC
N4GAS	GASTONIA/SPCR MT		NC
KA4BQM	ROANOKE RAPIDS	192.8	NC
KG4BZN	WALTERBORO	123.0	SC
KK4TD	COOKEVILLE	107.2	TN
WF4Q	LEXINGTON	100.0	TN
WA4PCD	NASHVILLE		TN
KB4WTP	COPPER RIDGE	103.5	VA
W4QR	HAMPTON	167.9	VA
K4CQ	WINTERGREEN	136.5	VA
449.5750 / 444.5750			
KC4YAP	095	100.0	GA
W4SCR	DOUGLASVILLE	88.5	GA
N4MVY	PHELPS		KY
KC4FWC	BOONE/RICH MT	77.0	NC
W4BAD	DURHAM	88.5	NC
N4HAJ	KINSTON	88.5	NC
K2PJ	MYRTLE BEACH	85.4	SC
W4BBB	KNOXVILLE/RACK	100.0	TN
WA4WCK	NASHVILLE		TN
449.6000 / 444.6000			
W6IZT	BLAIRSVILLE	100.0	GA
W4PSZ	FAYETTEVILLE	77.0	GA
WA4NKL	QUITMAN	127.3	GA
KF4WMM	BRUSHY FORK	88.5	KY
N4NMC	LOUISVILLE	151.4	KY
KC4FIE	MADISONVILLE		KY
W4SJH	SPRINGFIELD		KY
KB5CO	JACKSON	100.0	MS
W4BFB	CHARLOTTE	100.0	NC
NO4EL	OXFORD		NC
KT4YW	NO. CHARLESTON		SC
WA4PPL	COOKEVILLE	107.2	TN
KG4GVX	MORRISTOWN	100.0	TN
WA4AUX	PROSPECT	118.8	TN
KA8TCF	WESTON		WV
449.6250 / 444.6250			
K4EDN	BONAIRE	82.5	GA
W4CBA	CUMMING	123.0	GA
KC5BMJ	KINGSLAND	118.8	GA
W1BPP	MOULTRIE	123.0	GA
KB4QFL	HAWESVILLE		KY
KE4ISW	RICHMOND	192.8	KY
AB5MU	NETTLETON	192.8	MS
N5OCF	RICHTON		MS
WB4DVN	LUMBERTON		NC
WD4EOG	CLEMSON UNIV.	156.7	SC
WT4E	COLLIERVILLE	107.2	TN
KD4TUD	JEFFERSON CITY		TN
WA4TOA	NASHVILLE	107.2	TN
WZ8E	BLUEFIELD		VA
W4HCH	SOUTH BOSTON		VA
449.6500 / 444.6500			
KF4CXL	MCINTYRE	77.0	GA
N4IBW	SMYRNA		GA
WB4FUR	STENNIS SPC CEN		MS
N5NBG	WALLS		MS
NE4J	MIDDLESEX	179.9	NC
KJ4HF	SALISBURY	88.5	NC
WA4US	WILMINGTON		NC
N4UHF	LAKE MURRAY		SC
WB4NKM	GREENEVILLE	100.0	TN
W4CAT	SHRT MT/MURFREB	107.2	TN
WD4BSB	CHRISTIANSBURG	107.2	VA
N4EHJ	RICHMND/CHLTVL		VA
449.6750 / 444.6750			
KC4CBQ	HIAWASSEE	186.2	GA
KN4YZ	TYRONE/PTC	77.0	GA
KF4AWA	SALVISA	203.5	KY
N5PS	GREENVILLE	100.0	MS
W4WBT	CHARLOTTE		NC
KE4JDP	#JACKSONVILLE	88.5	NC
KD4RAA	RALEIGH	100.0	NC
W4GS	MYR BCH/CONWAY	85.4	SC
WA4PCD	NASHVILLE		TN
WD4MIZ	NORFOLK	107.2	VA
K4IJ	PEARISBURG	103.5	VA
AB8WB	GASSAWAY	123.0	WV
449.7000 / 444.7000			
WB4SBT	BYRON	103.5	GA
WD4LUQ	DALLAS	77.0	GA
KF4BJM	VALDOSTA	141.3	GA
WB4JM	BOWLING GREEN	136.5	KY
AD5IT	GRENADA	107.2	MS
NC5Y	JACKSON		MS
KD4BGD	LUMBERTON	114.8	NC
N4JEH	ROCKY MOUNT	107.2	NC
AE4GA	STATESVILLE	94.8	NC
AG4UW	CENTERVILLE	107.2	TN
KF4VDX	MARYVILLE	127.3	TN
N4ZKR	PALMER	107.2	TN
K4AU	DANVILE/WHT OAK	107.2	VA
N4WWB	GATE CITY		VA
WB8CQV	HERNSHAW	203.5	WV
K8LG	MORGANTOWN		WV
449.3250 / 444.7250			
KC4FWC	#BLADENBORO	77.0	NC
449.7250 / 444.7250			
AG4PR	DALLAS	123.0	GA
KD4AOZ	WATKINSVILLE	123.0	GA
KY4K	HENDERSON	82.5	KY
KE4ISR	LEXINGTON		KY
W4ZCD	HICKORY FLAT	179.9	MS
KC4FWC	#BLADENBORO	77.0	NC
KD4MMP	WINSTON-SALEM	107.2	NC
KC4KPJ	ROCK HILL	127.3	SC
WA4AKM	FRANKLIN	107.2	TN
WB0TMC	JACKSON	107.2	TN
N4CKB	SEVIERVILLE	146.2	TN
KF8FO	LEWISBURG	103.5	WV
449.7500 / 444.7500			
KC4ELV	CONYERS	162.2	GA
N4ZRF	LAKEMONT		GA
KC8ERN	#ASHLAND	88.5	KY
KE4AIF	HOPKINSVILLE	103.5	KY
WB9SHH	MONTICELLO		KY
KD5GVU	STARKVILLE		MS
NC4GC	GASTONIA	162.2	NC
KD4JFN	PITTSBORO	146.2	NC
K4TC	HENDERSON		TN
KF4VWJ	HIXSON	100.0	TN
N4PYI	MT JULIET	156.7	TN
WD8LNB	GRAFTON	118.8	WV
449.7750 / 444.7750			
N4NEQ	ATLANTA/MARIETTA	151.4	GA
N4MXC	COCHRAN		GA
N4IWZ	ALLEN	123.0	KY
KC4UPE	NICHOLASVILLE	167.9	KY
N5PS	SATARIA	107.2	MS
K4JDR	CARY	100.0	NC
KR4EX	OLD FORT		NC
N2QEW	WILMINGTON	88.5	NC
WA4AKM	GALLATIN	107.2	TN
KF4VDX	MARYVILLE	100.0	TN
WA5KUB	MEMPHIS	107.2	TN
WD4KZK	SLINGS GAP	107.2	VA
KF4UCI	WAYNESBORO	151.4	VA
449.8000 / 444.8000			
WA4ASI	COVINGTON	88.5	GA
W4BEJ	ELIZABETHTOWN		KY
KB5CO	JACKSON		MS
WB4PMQ	GREENVILLE	131.8	NC
KF4LUC	HICKORY	94.8	NC
K4YEC	REIDSVILLE	107.2	NC
KD4QMS	SOUTHERN PINES	118.8	NC
KE4RAP	NORTH AUGUSTA		SC
K0JXI	MEMPHIS		TN
KD4LP	#MORRISTOWN		TN
N4PYI	NASHVILLE	110.9	TN
KB4MIC	OILVILLE	203.5	VA
WV8B	BECKLEY/OAK HILL	100.0	WV
W8CUL	MORGANTOWN		WV
449.8250 / 444.8250			
W4DOC	ATLANTA	146.2	GA
KC4UPE	BEATTYVILLE	192.8	KY
KC4VXR	SALEM	100.0	KY
KB5DSN	AMORY		MS
KF4UY	MT AIRY/FSH PK	100.0	NC
N4HAJ	NEWPORT	100.0	NC
K4GWH	RALEIGH	146.2	NC
K4ILT	HOLLY HILL	103.5	SC
KE4FGW	MARYVILLE	100.0	TN
K5FE	MEMPHIS	107.2	TN
N4PYI	SMITHVILLE	107.2	TN
KG4BKI	FRANKLIN	131.8	VA
WA4ZBP	STAUNTON	131.8	VA
N8RKU	CHARLESTON	123.0	WV
449.8500 / 444.8500			
N4BZJ	DALTON		GA
N4YXL	GREENSBORO	103.5	GA
KG4OGC	HINESVILLE		GA
KF4QZN	HORSECAVE	103.5	KY
AA4NI	NEBO		KY
AB5DU	INDIANOLA	136.5	MS
KC5LXF	PINOLA		MS
W4CQ	CHARLOTTE		NC
W4BAD	RALEIGH	100.0	NC
WN4Z	ROCKY MOUNT	131.8	NC
N4ILM	WILMINGTON	88.5	NC
WB4NNX	HOHENWALD	100.0	TN
WD4MWQ	MCMINNVILLE		TN
K7AG	MEMPHIS	107.2	TN
KF4VDF	POUND	103.5	VA
AB4SF	RICHMOND		VA
WD4KZK	ROANOKE/READ MT	107.2	VA
N8RLR	ELKINS	162.2	WV
WB8ZER	HUNTINGTON/CHAS	131.8	WV
449.8750 / 444.8750			
KE4UAS	MCDONOUGH	100.0	GA
KE4RJI	TIFTON		GA
KC4UPE	SALVISA	167.9	KY
N5HTQ	MCCOMB	100.0	MS
K4RCC	CULLOWHEE	151.4	NC
KD4RAA	#WENDELL	100.0	NC
WB4U	WINGATE	127.3	NC
N4WT	CHAT/MNTLAKE MT	156.7	TN
WA4AKM	NASHVILLE	107.2	TN
KB4WTP	BIG A MTN		VA
449.9000 / 444.9000			
KD4BOO	AUGUSTA		GA
N4BBQ	DAHLONEGA	100.0	GA
WB4IVB	CORBIN	100.0	KY
W4YWH	HIGHLAND HEIGHTS	123.0	KY
KY4SP	HUDSON	179.9	KY
W4EWN	NEW BERN	100.0	NC
W4EJ	WILSON	179.9	NC
KU4ZS	GAFFNEY	123.0	SC
K4SHP	MYR BEACH/AYNOR	100.0	SC
W4YI	CHATT/EAST RIDGE	88.5	TN
K4WYV	GATLINBURG	88.5	TN
W4LYR	WATERTOWN	100.0	TN
WA4CQK	FANCY GAP	100.0	VA
K4SRM	PETERSBURG		VA
N8SCS	BELINGTON	141.3	WV
449.9250 / 444.9250			
WA4NNO	ATLANTA		GA
WB4NFG	IRWINTON	77.0	GA
N4PJR	JESUP	141.3	GA
KY4X	GLASGOW		KY
KO4LI	OLIVE HILL		KY
N5PYQ	SOUTHAVEN	107.2	MS
WB5TTE	VICKSBURG		MS
KB4WGA	DURHAM	100.0	NC
K4OBX	HATTERAS ISLAND	131.8	NC
N4XRY	MOUNT AIRY		NC
N4NTO	TARBORO	118.8	NC
AC4RZ	EASLEY/SAS MTN	103.5	SC
KI4CB	GEORGETOWN		SC
WA4AKM	COLUMBIA	107.2	TN
N4VIH	DOVER		TN
KD4TZD	KNOXVILLE		TN
KD4FWS	FANCY GAP	100.0	VA
WB8BON	ROANOKE/TINKER M		VA
449.9500 / 444.9500			
W4TL	CLERMONT	131.8	GA
WR4MG	PERRY		GA
N4DUE	LEXINGTON		KY
WB5YGI	PHILADELPHIA		MS
N5VGK	TUPELO	192.8	MS
WA1WXL	CHARLOTTE	136.5	NC
KF4DWV	GREENSBORO	100.0	NC
KF4HFQ	ROLESVILLE	88.5	NC
KD4PBC	CHARLESTON	103.5	SC
N4PJX	CLARKSVILLE	100.0	TN
W4EYJ	CROSSVILLE	118.8	TN
K4GX	GREENEVILLE		TN
WB4NNE	MEMPHIS		TN
WA4KXV	VIRGINIA BEACH		VA
WB8CQV	SO. CHARLESTON	203.5	WV
449.9750 / 444.9750			
WA4YNZ	ATLANTA		GA
K4TVE	BRUNSWICK		GA
W4MAZ	COCHRAN	77.0	GA
KC4QK	ASHLAND	107.2	KY
WB4CWF	NICHOLASVILLE		KY
N5PS	O'REILLY	100.0	MS
KE4QAP	ASHEBORO		NC
N4JEH	CASTALIA	107.2	NC
W4YMI	NEWPORT CCARS		NC
N2DWP	POLKVILLE		NC
WM3O	ORANGEBURG		SC
KQ4E	MORRISTOWN		TN
WA4AKM	NASHVILLE	107.2	TN
N4AZJ	PEARISBURG	103.5	VA
W4VCU	RICHMOND		VA
N8EKT	WHEELING		WV
443.7750 / 448.7750			
W4RKC	WINCHESTER	146.2	VA
443.8250 / 448.8250			
KQ4CI	#ASHBURN		VA
444.7250 / 449.7250			
WA3BXW	HAZLETTVILLE, DE		ZZ
439.2500 / 911.2500			
KA5NOJ	GAUTIER		MS
426.2500 / 923.2500			
K4CQ	LYNCHBURG		VA
439.2500 / 923.2500			
KY4ATV	#LEXINGTON		KY

900 MHZ

907.5000 / 919.5000			
AF4ZR	JACKSON	100.0	TN
WD4KZK	ROANOKE/POOR MT	107.2	VA
908.5000 / 920.5000			
KF4TNP	LEWISBURG		TN
908.8000 / 920.8000			
KQ4E	MORRISTOWN		TN
908.9000 / 920.9000			
W3FCC	SWEETWATER		TN
909.0000 / 921.0000			
K4CQ	LYNCHBRG/TOB MT	100.0	VA
909.1000 / 921.1000			
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
909.5000 / 921.5000			
KD4CWB	KNOX-SEVIERVILLE	100.0	TN
910.2500 / 923.0000			
WA4VHP	#SAVANNAH		GA
K4ZGA	NASHVILLE		TN
902.4875 / 927.4875			
WR4SG	VALDOSTA	141.3	GA
N4JNE	FANCY GAP	100.0	VA
W3PS	CHESTER, PA		ZZ
902.5125 / 927.5125			
KE4PAB	PICKENS	100.0	SC
KE4NYV	ROANOKE/POORE MT		VA
W3PS	EAGLEVILLE, PA		ZZ
902.5250 / 927.5250			
N8EKA	DAHLONEGA	100.0	GA
902.5370 / 927.5370			
W4BIW	HOSCHTON	100.0	GA
902.5375 / 927.5375			
W3PS	OCEAN CITY, NJ		ZZ
902.5500 / 927.5500			
KD4GPI	SUGAR HILL		GA
WA4TOG	BEAR WALLOW	131.8	NC
902.6125 / 927.6125			
KB4WGA	DURHAM	100.0	NC
902.6625 / 927.6625			
N2QJI	CONCORD	141.3	NC
W4FAL	RALEIGH	156.7	NC
N4DTR	WAYNESVILLE	131.8	NC
902.7250 / 927.7250			
KA4MKG	LEXINGTON	DCS75	KY

1270 MHZ

1265.0000 / 421.2500			
N4BZJ	DALTON ATV		GA
1253.0000 / 427.2500			
N4NEQ	ATLANTA/MARIETTA		GA
1277.2500 / 439.2500			
KD4EEW	NASHVILLE		TN
1260.0000 /1240.0000			
W3PS	CHESTER, PA		ZZ
1277.2500 /1253.2500			
W4PPN	#CHARLOTTE		NC
1270.5250 /1282.5250			
N2QJI	CONCORD	141.3	NC
1271.1000 /1283.1000			
WA1ZMS	BEDFRD/APL ORCH	100.0	VA
1272.4000 /1284.4000			
WA4AKM	NASHVILLE		TN
1273.3000 /1285.3000			
KF4TNP	LEWISBURG		TN
1274.0000 /1286.0000			
K1YJ	NASHVILLE	88.5	TN
1274.5000 /1286.5000			
KB4ZOE	SMITHVILLE		TN
1271.0200 /1291.0200			
N4CH	ROANOKE/POOR MT		VA
1271.4100 /1291.4100			
AD4DN	WILMINGTON	88.5	NC
1272.0000 /1292.0000			
KB4KIN	ATLANTA/BELL		GA
N4HKS	MEMPHIS		TN
1272.8200 /1292.8200			
AG4EI	GASTONIA/CRWDR		NC

2.4GHz

2441.6000 /2411.6000			
WA1ZMS	BEDFRD/APL ORCH		VA

JOIN SERA, or renew your membership on the web!

Associate Membership: $10/year - 4 issues of the *Repeater Journal*

SUPPORT FREQUENCY COORDINATION AND GET THE SERA Repeater Journal

The Official Voice of SERA, Inc.

Secure Credit Card Transaction

Computer Automation Technology, Inc.
WX-200 Digital Weather Receiver

The NOAA Weather Radio Network broadcasts National Weather Service warnings, watches, forecasts and other hazard information 24 hours a day. With so many unsettling weather conditions, don't you think its time to provide timely weather alerts for your repeater group?

Specific Area Message Decoder

A digital decoder responds to Specific Area Message Encoded (SAME) alerts transmitted by the NOAA weather station located in your area. Select your county code and the type of alert. Select warnings and/or watches.

Voice Synthesizer Alert Message

Imbedded in the alert information packet is the time the warning or watch is in effect. The voice synthesizer will key-up the transmitter and announce the alert. "Severe Thunderstorm Watch," "Tornado Warning," "Winter Storm Warning," "Flash Flood Watch," and the new Amber Alert for missing children are just a few.

Alert Message Transmit Timing

At the conclusion of an alert, a termination packet turns the transmitter off.

Repeater Interface

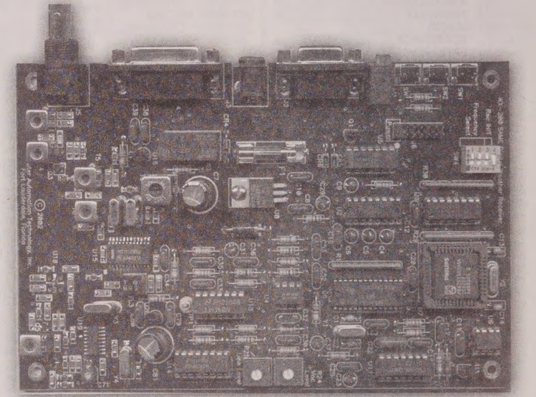
The WX-200 has been designed to easily interface to your repeater. A minimum of four connections is all that is required.

Weather Enable Input

Ground this input to provide weather reports on demand.

Weather Disable Input

Ground this input to prevent future alerts once a Skywarn net is activated.



Weather Alert Log

The WX-200 stores the date, time and type of alert in memory. Use the RS-232 port and the configuration program to download the log.

Alert Start Logic Output

This output provides a TTL logic high when a weather alert is received. It can be used to set off an external alarm or trigger the controller to execute a macro or load a memory save.

Alert Stop Logic Output

Included in the digital packet is the length of the alert. The WX-200 generates a stop logic output when the time period has expired. Use this output to reload a normal memory save.

Ordering Information

WX-200 *Digital Weather Receiver, With Windows® Configuration Program:* ***$349.00.***

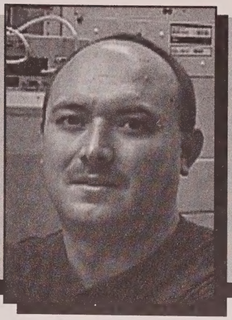
Computer Automation Technology Inc.

4631 N.W. 31st Avenue, Suite 142, Fort Lauderdale, Florida 33309
Phone: (954) 978-6171 - Fax: (561) 488-2894
Internet: http://www.catauto.com

Get the Hammer

And let's get technical

Randy McKenzie KK4EJ
3661 AIRPORT RD.
HILLSVILLE, VA 24343
kk4ej@sera.org



Your Ride Along

Buckle your belt and load up the coffee, your invited to ride along with me today! I work as a Communications Tech for the Virginia State Police Communications Division.

Describing a normal workday for me is nearly impossible. In over ten years with VSP, I do not recall ever having two days the same! This article will mix together a few ideas, allowing you to get a taste of my workday. Granted some days include special projects, dedicated issues, and sometimes nothing but preventive maintenance issues, but for your ride along, Ill try to pick a day for some variety.

My day begins about 7:20. I mark on (10-41) and head out the driveway. VSP provides me with a service truck, a Chevy HD 3/4 ton pickup with a workbody. Loaded inside is test equipment, tools (hammer), spare parts, spare radios, and a lot of boxes. In the cab is my GE VHF VSP radio, Kenwood low band, Icom 2M and 440, scanner, and my AM tuned to the local talk station. I always travel with my 20 oz. coffee mug and thermos!

My first stop is at 8:00 AM at a local VDOT (highway department) and locate a grader. The operator is there and he tells me of the tree limbs that tore off the antenna. I replace and tune the antenna, check it out and complete my paperwork. They use low band for VDOT. I stop at the VDOT office before leaving, and as normal, they just happen to have another truck, so I catch it while I'm there. The truck has a broken ignition lead. Repaired and paperwork completed, we take off.

Second stop is the VSP office at Galax. This is a local office for the Carroll and Grayson Troopers. I check a FAX line, finding some hum. The problem is with the phone company, so I call in the trouble report. I chat with the secretary and let her know what I found. A Trooper rolls in and needs a portable battery, so I dig thru one of my boxes and get him a "fresh" one. Another Trooper rolls in, and has a light out on his lightbar. I swap out a bad bulb and have him fixed. I make some notes in my paperwork, so I will remember to restock the bulbs and battery. I chat with the Troopers a few minutes. I've known these guys for most of my adult life, and they have been great friends over the years. Refill the coffee mug.

A page from my supervisor alerts me to a problem with the VSP base, so we head out to our site. The VSP site alarm system reported a generator running, so I was dispatched to check if there is a problem. Upon arrival, I call the Dispatcher to let them know I'm entering the building. The generator is running, system is OK, but the local power is out. I call my supervisor and advise him, and he will call the power company. No storms around today.

By now, the time has rolled around to 11:30. For lunch today is a local place down below the site. Home cooking is always good with me!

After lunch, we travel to the shop in Wytheville. I restock my supplies, check my voicemail, and make notes of my new calls. Checking the work schedule for the Troopers, I schedule them when I can catch them working. In years past, we traveled to their homes. Lately, the workload has increased to we don't have time for the extra travel. Refill the coffee mug.

A trip inside our Dispatch Center is next. One of our Orbacom positions has a bug. The report is the mouse stopped working. So I check the position and make a repair of a loose plug. Probably got tugged when they shift-changed and adjusted the keyboard tray. A cable tie makes sure it doesnt happen again.

A trip to the COMM room downstairs, and I reprogram some speed dial numbers in the Orbacom. They use these "hot buttons" to save a lot of time dialing telephone numbers for the thousands of calls they handle everyday. Refill the coffee mug.

The next service call is later, so we go back to the shop. There, I repair a Astron DC supply, and place it on the ready shelf. The supply was replaced at a VDOT shop yesterday.

A Trooper comes by the shop. His portable isn't working, so I check it out. I replace it and fill out my paperwork.

Leaving the shop, I have a Trooper scheduled for "after 4pm." I call him on the radio after hearing him mark on. We meet at a local gas station that has a large parking lot. His SIRS antenna is bad, so I replace it and check things. By meeting him now, it saved me about a hour travel time because this Trooper lives across the county from where we are now.

The next call is a ABC agent. The ABC is the Alcohol Beverage Control guys..... I meet him at a VDOT shop and replace a bad breaker on his radio power circuit. As always, I ask the ABC guy if he has any "free samples" he needs to get rid of. Refill the coffee mug.... with coffee.

With the last drops of coffee now gone, I figure the day is over. I mark off (10-42) at 6:10 pm. My normal schedule is Tuesday thru Friday with 10 hour days. I have Mondays off, which worked great when I was building my house. We switched to 10 hour days a few years ago and it really works well for us. We can service the day and evening Troopers without overtime.

For your ride along, we have had several different projects. We not only do radio repair, but telephone, computer, generator, and even some mechanic work. It's never boring!

Describing my workday in a short article is like describing the Clinchfield Railroad by saying "they haul coal." I enjoy what I do and the people I work with. I've made many friends with the various agencies we service. I know most all the families of the Troopers, and they know mine. Many are old friends from my dads 32+ years as a Trooper and Special Agent. My guys in the radio shop are like brothers to me. I'm glad I am blessed with a career that I enjoy.

I hope you enjoyed the ride along. While I've left out the boring details of the repairs and paperwork [and the pit stops], I tried to give you a look into my daily world. I enter the house with empty coffee mug and thermos, greeted at the door with Katie and Zach. I'll sleep good tonight, knowing that our Soldiers are defending our freedoms and our Troopers are on duty protecting our home. I look at my job as a service to everyone. If their radio system works to call a wrecker, ambulance, snow plow, or to help a stranded motorist, then I've done my part. I'm not responsible for your speeding ticket!

God Bless everyone till next time....

Advertise your
BUSINESS
in this size ad
for just
$20/issue
e-mail:
editor@sera.org
for details

GEORGIA

CORRESPONDENT
WANTED!

CONTACT:
KN4AQ@SERA.ORG

Georgia correspondent wanted!

The *Repeater Journal* is looking for a news correspondent for the great state of Georgia! If you're one of those hams who keeps their finger on the pulse of activity in the area and you'd like to branch out a little, this job's for you. Our state correspondents gather information from a variety of sources – club newsletters, web sites, mailing lists and contacts in the ham community, and beat their SERA district Director for repeater information, then distil it into the quarterly column.

This is where SERA members turn to see if their name is in print, and find out what their friends have been up to. The pay is not great. In fact, it's zero. But the fame and satisfaction are high. Just ask any of the other correspondents. Well, actually, don't ask them. Just take my word for it. We will get you a red SERA shirt if you promise to wear it at club meetings and hamfests.

How can you let this opportunity go? I expect my mailbox to overflow, so don't wait. E-mail today! Operators are standing by. kn4aq@sera.org.

MISSISSIPPI

REPORTED BY
CHARLES DIAMOND K5ASL
43 JUDE BREWER RD
LUMBERTON, MS 39455
(601) 796-9279
K5ASL@SERA.ORG

Mississippi News will return in May. Charles reports that he's been a little busy lately trying to tame a new harmonic: Lillian Kathleen Diamond arrived just in time for Thanksgiving, on November 23, 2004. Congratulations, Charlie!

And from his e-mail and a little snooping on the FCC database, it looks like Charles celebrated Lillian Kathleen's arrival with a *new callsign:* K5ASL! (his, not hers), which arrived on November 30th. Congratulations again!

Meanwhile, Mississippi SERA members: send your news (and your congratulations, new baby and wedding announcements, etc.,) to k5asl@sera.org

Commercial Printing Service

We Proudly Print The Repeater Journal

"Your Complete Offset Printing Source"

General Printing, Full Color Printing, Copying, Binding, Collating, Padding, Quik Copy, Laminating & More!

Let us handle your Typesetting and Printing needs for Brochures, Letterheads, Envelopes, Booklets, Newsletters, Programs, Forms, Flyers, Price Sheets, and just about any other thing imaginable

Call for Information: (336) 993-2846

*902 Graves St.
Kernersville, NC*

SUPPORT FREQUENCY COORDINATION AND GET THE

SERA Repeater Journal

The Official Voice of SERA, Inc.

SAVE $6 OFF
THE COVER PRICE

JOIN SERA, or renew your membership on the web!

Associate
Membership:
$10/year

Secure Credit
Card Transaction

Western Carolina Amateur
Radio Society/VEC, Inc.

WCARS / VEC

An Amateur Radio Volunteer Examiner Coordinator AND A Special Event Station Call Sign (1X1) Coordinator

For Newly Issued Callsigns, Call (423) 689-6358
(11:00 AM to Midnight - 7 Days a Week, including Holidays)

For other information including test session coordination, VE Team Formation, etc.:

Win Guin, W2GLJ
2138 Sonning Drive
Germantown, TN 38138
(901) 754-4552 WinGuin@bellsouth.net

Ray Adams, W4CPA
6702 Matterhorn Ct.
Knoxville, TN 37918
(423) 687-5410 Fax: 219-9871

Norman Harrill N4NH
7 Skylyn Court, Asheville, NC 28806
(704) 253-1192
NormanHarrill@worldnet.att.net

John Chism ND4N
139 Mustang Cir.
Simpsonville, SC 29681
(864) 967-0001
nd4n@mindspring.com

Visit us at http://www.korrnet.org/wcars
For Test Schedules - Contact People at each Site and Among Other things, an ONLINE REQUEST for
A SPECIAL EVENT STATION CALL SIGN

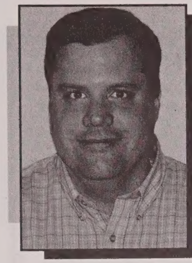
WE'RE **STILL** LOOKING FOR A FEW GOOD VE TEAMS!

REPEATERS, REPEATERS, REPEATERS !

- New factory fresh commercial repeaters.
- Not old recycled used repeaters, but brand new!
- We specialize in repeaters for Amateur, CAP, GMRS, Public Safety and Business. Repeaters available for 29 through 54 MHz; 135 through 174 MHz; 219 through 225 MHz; 400 through 512 MHz; 900 through 935 MHz.
- Repeater accessories, power supplies, duplexers, filters, isolators/circulators, preamplifiers, interconnect cabling kits, controllers, community tone panels, trunking controllers, hard-line (coax), commercial antennas, cabinets and enclosures. Towers and accessories.
- Discounts to volunteer groups such as ARES, RACES, CAP, REACT, church organizations.
- We have systems that meet FCC compliance under Parts 22, 74, 90, 95, 97, and 90.210.
- Engineering and technical assistance always our pleasure.
- Proudly serving the Amateur community!

Cook Communications
a division of Cook Towers Inc.
Toll free: 877-992-2665
E-mail: CookTowersInc@aol.com
We always love to visit!

302-328-0339	856-881-6777	610-631-3447	770-423-7553	877-992-2665	856-881-2730
Delaware	New Jersey	Pennsylvania	Georgia	Toll free	24 hour Fax



KENTUCKY

REPORTED BY
PAT SPENCER KD4PWL
3395 SPANGLER #26
LEXINGTON, KY 40517
859-948-1320
KD4PWL@SERA.ORG

Welcome to 2005 everyone! I trust that all of you had a safe holiday season. Many parts of Kentucky had a white Christmas. Traveling up the Ohio River Valley from Paducah to Northern Kentucky many communities received a healthy dose of winter weather. Accumulations in some areas were 20 inches. Other parts of the state received varying amounts of snow, sleet and freezing rain.

There was isolated need for amateur radio assistance caused by the winter storm. Amateur radio operators were activated in Nelson and Pendelton Counties to help provide shelter and emergency communications as a result of the winter storm.

The **Kentucky Amateur Radio Society** of Bardstown provided support in Nelson County. With thousands of customers without power and temperatures forecast to be in the subzero range over the Christmas holiday many government agencies and the Red Cross were in need of communications assistance. According to **Jim Brooks KY4Z**, KY ARRL Public Information Coordinator, "EMA was the hub for communications between city and county government, the Red Cross as well as contacts for the media. Hams helped with communications and shelter support." Hams were on duty from December 22-26.

Pendleton County was hard hit as well. Shortly after 04:00 on December 23, Dick Wyatt KY4UK and John Meyers NB4K were called because the Pendleton County 911 Center had lost power. The **Kentucky District 7 Amateur Radio Emergency Team** was activated. Net controls during the incident were Lynn Ernst WD8JAW and Mike Wagoner KB4VKS.

Photo by Buddy Sohl KC4WQ

Members of the St Aloysius Radio Club talked to Joe Walsh WB6ACU of the Eagles during a radio interview.

W4KBR the call of their mentoring organization, the North Bullitt Contest Group.

Scott Switzer W4SWS responded to the Grant County 911 Center, which acts as the backup 911 point for Pendleton County. At 06:25 power was restored to the 911 Center, and a State of Emergency was declared for the county. Later in the morning, power was lost again at the Pendleton 911 Center. It was restored shortly thereafter.

Over the course of the day, hams were on standby to response to various government facilities. The situation stabilized shortly before 17:00 all operators stood down.

In Lexington, an activation of "friends" helped another ham with a chronic illness get out of a precarious situation on the icy roads, and delivered his medicine to him," according to **Jim McDonnell W2LTB**, District 13 ARES Coordinator.

John Meyers, NB4K will remain KY ARRL Section Manager for another two-year term. No other operators filed to place their name on the ballot for the upcoming election. Meyers' term as SM has been marked with progress in several amateur radio programs within Kentucky.

After many years, the **Kentucky Traffic Net** retired with its last session on December 31. KY ARRL Section Manager **John Meyers NB4K** announced the retirement of the net December 27. Citing a dramatic lack of traffic and difficulty in retaining net managers and net control stations because of lack of activity, Meyers believes that "There comes a time when anything we do has to go through a change to meet the needs of the time and day of which it is being used. The KTN has come to that point and we wish to let the NTS phone side of traffic die a peaceful and dignified death."

According to Meyers, NTS traffic heading to Kentucky should be routed through the remaining KY Nets.

St. Aloysius School's Amateur Radio Club is back in the news. In a recent program on WLCR 1040 AM, students in the program were spotlighted. During the program, the host and students conducted a telephone interview with one of the more widely known hams, **Joe Walsh WB6ACU** of The Eagles. Walsh is a supporter of the ARRL's "Big Project" program that brings amateur radio to schools across the nation. A Real Player edition of the interview is available at:

www.wlcr.net/music/wav/hamradioonwlcr-am1040-withwb6acu.rm

The club's web site can be found at **www.qsl.net/nbcg/radiokids.html**.

MAGGIORE ELECTRONIC LAB
TWO YEAR WARRANTY

Hi Pro Repeater
Starting at
$639 VHF / $699 UHF

Hi Pro Repeaters
Call or Check Our Website for Specials

Hi Pro E Repeater
Starting at
$1450 VHF / $1525 UHF

Specializing in Repeaters, Links, Crossband Repeaters, Receivers and Transmitters. [Separately or in Housings]

MAGGIORE ELECTRONIC LAB, 600 WESTTOWN RD., WEST CHESTER, PA 19382
PHONE (610) 436-6051 FAX (610) 436-6268 http://www.hiprorepeaters.com

NORTH CAROLINA

REPORTED BY
MIKE LEWIS WA4KE
3401 APPLE MEADOW DR.
FUQUAY-VARINA, NC 27526
WA4KE@SERA.ORG

Another year has ended and the Hamfest season is rapidly approaching. The **Benson Hamfest** finished up the North Carolina Hamfest season and during that hamfest, **Communications Headquarters** announced it was closing its doors and packing it in. Anybody with time on your hands and the ability to travel each weekend during the Hamfest season could start a business, especially if a store location could be found near a major metropolitan area.

Coming up in February is the **North Carolina QSO Party** and the operators from the **Randolph County ARS** are looking to defend their title and increase their string of consecutive wins to three. Look at **www.w4nc.com** to prepare to complete against these seasoned veterans.

The **Forsyth Amateur Radio Club** held a new hamfesst on January 8, Winston-Salem FIRSTfest, at the Summit School parking lot on Reynold Road. This was a low-key affair, which meant bring your own chairs, tables or whatever. Free coffee was provided. WS4NC reports that attendance was good, and the club is planning it again next year.

Robert KQ4PK, of the **Kinston ARS**, recognized W4DNA, KI4DNC, KA9DGI, KI4DMZ and KC4WVV for their dedication on Field Day, and a number of other projects. W9EF was recognized for his devotion to the Ham Technician classes. KI4DNC recognized Robert for all of the help he has given the club.

Wake County ARES Frequencies are as follows:

146.88 - Primary repeater for State EOC, SKYWARN. When operational, the State EOC will monitor 146.88 for traffic from any counties within range, or on the PCRN linking system. The State EOC also monitors 3923 kHz (the Tarheel Emergency Net) for traffic from stations that can not reach the EOC via repeaters.

145.39 (82.5 tone) - Primary repeater for Wake ARES operations.

When operational, the Wake County EOC and all field operators initially monitor 145.39. County field operations may spread to *any* of the repeaters or simplex frequencies on the list below during drills and activations.

147.195+ (88.5 tone) - Secondary repeater for Wake ARES operations. This repeater will be used for wide area operations when the 146.880 repeater is required by State EOC and Skywarn activations. If the 146.880 or 147.195 repeaters fail or are unavailable, the backup is 146.64.

At the October 26 meeting, the **Triangle East Amateur Radio Association** members and guests received the first phase

continued on page 49

CORRECTION:

The correct date for the **Elkin Hamfest is Saturday, February 26th**, 2005. The ad in the November issue of the *Repeater Journal* incorrectly listed the date as "Sunday, February 26th."

New Location - New Sponsorshop in 2004
One of the first shows of 2005 in the area

ELKIN HAMFEST
SATURDAY FEB. 26, 2005
8 AM - 3 PM (and Friday 6 to 9 PM)
AT THE ELKIN RECREATION CENTER
Hwy 268 west of Elkin, North Carolina

● FLEA MARKET ● DOOR PRIZES

For Table Info and Reservations Contact:
Richard Robbins N4WDU: n4wdu@triad.rr.com
Drew Poindexter AD4T: ad4t@triad.rr.com
Talk-In Frequency: 145.37 Repeater
All proceeds benefit the Foothills Food Pantry

31st Annual DurHAMfest

May 28, 2005

8 AM - 2 PM

National Guard Building, Durham, NC

Admission Price: $5.00
Tailgate spaces: $5.00
Tables: $12.00

Note: All attendees must purchase a ticket.
Per National Guard rules, no weapons or pornagraphic sales are allowed.

General Information & Ticket Sales
Joseph Fields - KF4QYY
919-596-3738

Venders, Tables & Tailgate Information
Linda Jackson - KF4LJZ
kf4ljz@aol.com
919-477-8368

VE Testing
Dave Synder - W4SAR
w4sar@amsat.org

GPS Coordinates
N 36° 02.002
W 78° 54.329

Talk In
147.225 (+)

DOOR PRIZES WILL BE AWARDED

www.dfma.org

Communications Headquarters closes

Communications Headquarters, the only full-line amateur radio equipment dealer in the Carolinas, closed its doors with a final sale at the Benson Hamfest in November, just weeks after moving to a new location in Wilmington, NC. Owners Dwight and Shirley Peay said that while the business was still profitable, it was just too much work.

Dwight Peay K4YNY worked at the store part-time and covered hamfests on weekends. His wife Shirley N4LFV worked at the store full-time, and they had several employees. Between storefront sales, Intenet and telephone mail-order, and hamfests, Dwight said, the business made money. But it meant putting in time after his full day at work, and a lot of weekends covering hamfests. They just got tired of it, he said, but if someone was willing to put in the effort, a store could be successful, especially in a larger market like Raleigh or Charlotte.

The surprise closing left hamfest managers scrambling for a dealer, with few prospects in sight for the Richmond VA and Raleigh NC shows, since the HRO store in Woodbridge VA has declined to do many hamfests for the past several years. ■

Shirley N4LFV and Dwight K4YNY Peay sell off stock at their final hamfest in November.

***NORTH CAROLINA* continued**

of Skywarn Spotter training. This class, which was taught by Meteorologist Jeff Orrock from the Raleigh office of the National Weather Service, was held in the old showroom of Universal Chevrolet in Wendell.

Tar River Amateur Radio Club member Fred Winner KE4LXW, Nash County Emergency Coordinator, presented a program on ARES & RACES at the November 1st TRARC meeting. The program explained the command structure of ARES from local to the state level, as well as Emergency Management Staff in Nash County. Tom Brown, the DEC for Area 7 ARES from Wake County, was present to detail his responsibilities and the best way he believes individual amateurs can assist their communities during emergencies.

Jonnie, W4AW, **Alexander County ARES/RACES**, resigned as EC for Alexander Co. ARES effective January 1st. Johnny has served in this position for the past six years.

The **Guilford Amateur Society** 145.250 repeater is back and working great thanks to Danny Hampton. The 444.950 repeater is working but will be improved as time allows. Improvements include moving the antenna up another 30' and another foot or so away from the tower leg. Next year's programs will include CERT (Community Emergency Response Teams) given by Firefighter Brandon Weaver of the Greensboro Police Department.

Please remember to continue to send newsletters and update your websites. All the information included in this column came from club submittals or scanning through websites. As space permits, future or past news is welcomed and will be included. In addition, take a friend to a club meeting. ■

Rockingham County's FIRST Annual Hamfest

Conveniently Located on Hwy 14 between Reidsville & Eden, NC
(Liberty Baptist Church)

Saturday, May 14, 2005
8 AM to 3 PM

Talk-In: 146.850 N4IV Repeater

Free Parking ♦ Indoor & Outdoor Vendor Space
Food On Site ♦ Door Prizes ♦ VE Exams

Rockingham County
Amateur Radio Club Inc.
N4IV

Visit our Website for up-to-date information:
www.rcarc.com
Email: hamfest@rcarc.com

This year's FIRECRACKER HAMFEST is dedicated to its founder, Walt Bastow N4KVF (SK), *"The Alligator Man"*

Get Ready - It Happens Again

SALISBURY (NC)
FIRECRACKER HAMFEST

July 2, 2005

Same Place - Same Times!
Same Great Food & Fun

Any Advance Questions - Contact Ralph Brown (704) 636-5902

Hams help with NC Governor inauguration

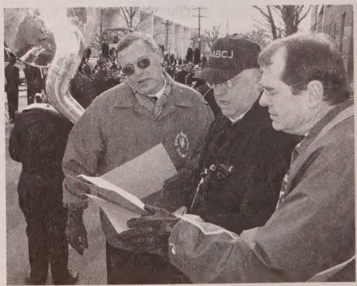
North Carolina Governor Mike Easley's inauguration committee asked amateur radio to help with logistics coordination for the event on January 15th. Central Carolina Helping Hams' Bill Cole KG4CXY turned to Wake County EC Tom Brown N4TAB to coordinate hams at the event, which included the swearing-in ceremony and a parade through downtown Raleigh, the North Caroina capitol.

Brown recruited 17 hams who shadowed the event officials and parade marshals and tracked the progress of the parade. Most of the traffic was "urgently routine," from directing volunteers to cueing the 21-gun salute and getting all the parade entries reported and lined up. Traffic was carried on the Raleigh Amateur Radio Society's 145.13 repeater. ■

Central Carolina Helping Hams (CCHH) provides communications for many events throughout the year in eastern NC. Their web site is www.hampublicservice.org.

Kelly Andrews KD4EWG (center) was the volunteer coordinator for the entire inauguration. He brought in Central Carolina Helping Hams' director Bill Cole KG4CXY (right) to assist with communications. Bill recruited N4TAB to coordinate the hams, and shadowed Kelly himself.

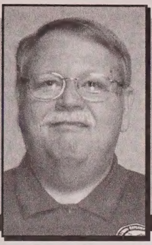
Virginia Enzor NC4VA (right) keeps Parade Coordinator Anne Franklin up to date on the status of entries.



Doug Hill WA4BCJ (center) coordinates high school marching band directors.

THOUSANDS OF PEOPLE
Enjoyed The Great -
2004 Shelby Hamfest
We Thank You
And We Hope You'll Join Us for
Shelby 2005
Next Labor Day Weekend
September 3-4
To be held as usual at the
Cleveland County Fairgrounds, Shelby, NC

Just some of the Flea Market at the Great Shelby, NC Hamfest
"The Granddaddy of them all"- proudly sponsored by the Shelby Amateur Radio Club
(More details and information in future *Repeater Journal* issues)



SOUTH CAROLINA

REPORTED BY
ROGER GREGORY W4RWG
102 PARTRIDGE RD.
UNION, SC 29397
(864) 427-1462
W4RWG@SERA.ORG

Hello South Carolina,

As I write this, the SERA Winter Board Meeting is just around the corner. I look forward to seeing the other board members. It will be nice to get away for a couple of days in the Tennessee Mountains. I hope everyone had a Merry Christmas, and I wish all a Happy New Year!

The Anderson Radio Club assisted by providing communications for the Clemson Du-athlon bike run in November. The ARC is taking donations for a new repeater and controller to replace the existing 146.790 machine which has been on the air for 24 years. The ARC holds a net each night at 8:30 pm local time on the 146.790 repeater. They average 900-1000 check-ins each month.

The Blue Ridge Amateur Radio Society welcomes new members Dave Watson W4DJW, Kim Anderson KI4GNW, Charles Latimer WD4EKT, Don Brown KI4AWD, John Charles KT4OO, and David Boswell N4APY. New officers for 2005 are: Peter Spence KG4VDR President, Anthony Robinson KI4DGY Vice President, Sue Chism N4ENX Secretary, Dan Blackwell WB4FEE Treasurer, Rusty Kirkpatrick W4IKO 3 year Director, Don Lollis KG4PFI 2 year Director, Bruce Dones N4AOE 1 year Director, and John Chism ND4N 1 year Director.

The date for the **2005 Upstate Hamfest** has been set for May 3, 2005 at the Spartanburg County Fairground. The Greenville WCARS VE team gives exams the first Saturday of each month at the Red Cross Building on Grove Road. The contacts are John Chism ND4N or Sue Chism N4ENX. n4enx@mindspring.com

The Charleston Amateur Radio Society held their annual hamfest on February 5, 2005. The annual event is held to generate funds to keep the WA4USN repeaters up and running. The CARS assisted with the Festivelo de Charleston bike race on December 4th. Approximately 500 cyclists participated. The 145.250 repeater now has Amber alert and weather alert capability. The CARS congratulates new ham Alice Shuford KI4HKY. The CARS welcomes new members Chris Christ, Beth Christ, and Alice Shuford.

The Chester Amateur Radio Emergency Services Club recently installed an 80/40 meter dipole and Yaesu HF rig at the Chester County EOC. In October Danny Carns KI4DC, Joel Shockly K4TDG, Don Edders W4DEE, and Tony Helms KG4NWC assisted eight local Boy Scouts in obtaining their Ham Radio Merit Badge. The club held it's annual Christmas gathering on December 13 at the Summit Restaurant in Chester.

The Columbia Amateur Radio Club welcomed Steve Naglic, Disaster Preparedness and Warning Coordinator meteorologist with the National Oceanic and Atmospheric Administration, who gave a seminar on space weather. He gave a nice talk along with showing a power point presentation. The CARC held their annual Christmas dinner at Romano's Macaroni Grill on December 6.

New officers for 2005 are: President Ken Kasper N2IXX, Vice President Doc Cerkez KI4BXM, Treasurer Robert Cooke K4RKC, Secretary Chavous Camp N4CPC, Repeater Trustee Jim Day K4LTD and Director Moses Rabb KG4VOV. The CARC mourns the death of Harold Babb W4OVL. Harold was a Director of the CARC and will be missed. I extend my sympathy to the CARC and to Mr. Babb's family.

TAILGATING – INDOOR EXHIBITORS – PRIZES

UPSTATE SC HAMFEST

WWW.UPSTATEHAMFEST.ORG

Saturday, May 7, 2005

8:00 am - 2:00 pm

Piedmont Interstate Fairgrounds of Spartanburg, SC

Located at 575 Fairgrounds Rd, Spartanburg SC. Take Business I-85, Exit 4, S. on Hwy 56 approx. 3 miles; follow signs.

THREE 2 meter mobile radios to be given away. Plus a **Pre-registration prize**.
Large Outdoor Tailgating Area with Easy Access, Indoor Exhibitors Area
Free Parking - Fairgrounds are Handicapped Accessible
WCARS/VEC Sponsored Ham License exams at 11:00 AM (Off Site)
For Advance Information, Tickets, Tables,
SEND SASE to: **HAMFEST Information, BRARS Inc., PO Box 6751, Greenville, SC 29606**
General Information: **Matt Andrews, KF4NXS,** [4pm - 9pm] **(864) 414-6233**
Or by **e-mail: hamfest@brars.org**

Proudly Sponsored by the **Blue Ridge Amateur Radio Society Inc**. of Greenville, SC, **with Talk-in on the 146.61 Repeater**

ARRL INFO BOOTH – VE TESTING – FOOD

Seems more like familiy than friends

Roger Gregory W4RWG

It is with deep regret that I announce the passing of Marshall L. Hodge W4MLH on November 9, 2004.

Marshall and I go way back when we were serious CB er's in the late 60's. I was a teenager then, he was a little older. He quickly became the brother I never had.

When Kathy and I married in the early 70's we became close friends with his family. He along with his son Tony and I took our first technician tests together in Spartanburg in December of 1992. My call then was KD4YFB, Marshall's was KD4YFC, and Tony remains KD4YFD.

Marshall was instrumental in reorganizing the Union County Amateur Radio Club in 1993, a driving force with us acquiring and coordinating our first club repeater in 1993, and helped to organize and put on the first hamfest in Union County in 1995 even though many said it couldn't be done. When his health permitted, he was always ready to assist with any club project or design a certificate when needed.

In the last few years Marshall became a professional email handler. If you were fortunate enough to be on his email list, you looked forward each day to more emails than you could possibly read. Due to his illness, he had difficulty talking. His emails were his way of letting us know our friend was still around.

Marshall is survived by his wife Linda, his son Tony KD4YFD, his daughter Brandi, and 5 grandchildren.

We all shall miss him a lot.

W4MLH in his shack

The Florence Amateur Radio Club welcomes new member Jerry Pollard N0CKN. New officers for 2005 are: President Jack Jackson N4JJ, Vice President Dave Jones K4DLJ, Secretary/Treasurer and John Germain KA3JAL. The FARC holds a net each Monday at 8:30 pm on the 146.850 repeater.

The Grand Strand Amateur Radio Club announces that their Beachfest 2005 has been selected as the ARRL's South Carolina State Convention. The event will be held on October 29, 2005 with Jim Wood KF4CJE and Edward Jordan KF4ECK being co-chairmen. Jim reports that the 2004 Beachfest was a great success and the vendors were happy and will return again.

The Greenwood Amateur Radio Society welcomes new members Paul Savage KA4OPC, and Betty Jean Powell (associate member). Sorry I was not able to attend the Hamfest on January 8. I heard it was great. Jim and I were at our annual SERA Board Meeting in Tennessee. The 147.165 repeater is working great thanks to Buddy W4DEW and his committee. Check in with Alice KC4JWM on Thursday night at 9:00 pm.

The Laurens Amateur Radio Society announces their new officers for 2005. Wayne Deitz KF4ZWF President, Dicky Patterson KF4SCD Vice President, Glenn Scott WA4AOS Secretary, Bob Dominick

Union Hamfest
Union County Amateur Radio Club
Saturday, April 2, 2005
SAME HOSPITALITY, SAME GOOD FOOD, SAME LOCATION

Union County Fairgrounds
Located on 176 Bypass
in Union, South Carolina

Talk-In:
Call W4EWI on 145.150-
Map and Directions:
www.qsl.net/k4usc

8 AM - 2 PM
Admission $5
Tailgate *free* with admission ticket

For Table Rental, Reservations, and Information contact:
Roger Gregory
W4RWG
864-427-1462
w4rwg@charter.net

Dealer Set-Up: Friday 2:00 PM- 6:00 PM – Saturday 6:00 AM - 8:00 AM

KF4SCL will continue on as Club Treasurer. To those who served in 2004, a job well done and to those who serve in 2005 best of luck in the new year.

The Palmetto Amateur Radio Club meets the third Monday each month at the Pioneer Career Center Room 1800 on the second floor of the new Bell Building. Meeting time is 7:30 pm. Send me your news.

The Pickens County Emergency Communications Group participated with the yearly "Mass Causality Drill" on November 23rd. The drill consisted of a Truck hitting a gas line at Arial Baptist Church in Easley in Pickens County. The two hospitals that were involved with were Palmetto Baptist Hospital in Easley and Cannon Memorial in Pickens SC. Other Emergency Agencies involved were The HAZMAT Team, the Pickens County E.M.S., and the Pickens County Sheriff's Dept. The P.C.C.G. did an excellent job, as the report came in. Beginning in January 2005, The PCECG will be changing their monthly meetings to the 1st Tuesday of each Month at 7:30 pm at the Pickens County EOC. The group will be sponsoring an Advanced WX Spotters class on Feb 3rd, 2005, at 7pm at the EOC in Pickens. The instructor will be Mr. Wayne Jones of the National Weather Service Office at Spartanburg Greenville Airport.

The Salkehatchie Amateur Radio Society – no news received for this issue.

The Spartanburg Amateur Radio Club had Mr. Harold Kinley WA4GIB give a talk on Digital Frequency Generation or "Where have all the crystals gone?" SARC member Oliver Webber WD8CHR is moving to Florence. The A-Team under the direction of "My Friend Fritz" W4NTO took down his antennas and tower. I understand that Hardee's provided the catered banquet.

The Sumter Amateur Radio Association wishes to thank Tom D'Anella KC4ZTC hamfest manager and other volunteers for a successful hamfest. SARA provided communications for the Jaycee Christmas Parade on Sunday December 5th. New officers for 2005 are: President Richard Haselden K4CWK, Vice President J.T. Mitchum W4CRZ, Secretary Jim Higgins KB3PU, Treasurer Ernie Danks KF4YOD, Hamfest Manager Tom D'Anella, and Members at large Perry Moses KK4EE, and Mike Majority N4VBV. The SARA announces the death of Allan R. Groth KD4VA. I extend my sympathy to the Groth family and to the SARA.

The Union County Amateur Radio Club will sponsor their tenth annual hamfest on Saturday, April 2, 2005. The location is the same as last year, the Union County Fairgrounds. Gates open at 8:00 am and there is plenty of paved tailgate space. The Union WCARS VE Team holds exam sessions the second Thursday in January, March, May, July, September, and November at 7:00 pm in the Union County 911 Center training room on North Pinckney Street in Union, S.C. Contact Jim WJ4C for information, wj4c@charter.net

The York County Amateur Radio Society held annual elections at the business meeting held December 9. The incoming officers are as follows: President: Dr. Marc Tarplee N4UFP (ARRL-TC for the South Carolina Section); Vice President: Robert Bacharach WA2EMF (ARRL-ASM for South Carolina Area 2); Secretary: Sheila Parrish KG4CDF; Treasurer: Terry Campbell KG4RFQ; Custodian: Wayne Reeves KD4RNP.

President-Elect Marc Tarplee said that he shall publish a YCARS calendar of events for the entire calendar year of 2005 to enable club members to plan their participation in upcoming social, technical and operating events including YCARS' traditional parties, program and technical meetings, operating contests and special events such as Field Day, Fox Hunts and public service support for the York County Chapter of the American Red Cross and the York County Office of Emergency Management. The YCARS welcomes new members John Glasbrooks KI4GXD and Van Knight KI4HFH, both from York, South Carolina.

NEWLY COORDINATED OR PROPOSED REPEATERS IN SOUTH CAROLINA:

The following five repeaters are part of the PALS Network and are on the air.

Timmonsville	WD4HEM	442.050
Wallace	WD4HEM	145.490
Pageland	WD4HEM	146.895
Lucknow	WD4HEM	146.925
Florence	WD4HEM	147.195

These two repeaters are Lancaster Amateur Radio Club Repeaters and are on the air:

Lancaster	W4PAX	444.100
Lancaster	W4PAX	146.700

These two new repeaters are proposed.

Aiken	N2ZZ	145.350
Gaffney	KU4ZS	444.900

Attention South Carolina Repeater Owners. Are you a SERA Full Member? I would like for you to consider joining the SouthEastern Repeater Association. The cost is only $20 per year. Send your full membership dues in today. Lets make South Carolina 100%. SERA needs your support and with full membership not only will you support the SouthEastern Repeater Association, you and your designee will receive the Repeater Journal for as long as you are a full member. What a deal!

Would you like to see news from your club in the journal? It's easy! Tell your club Secretary to make sure I am on their newsletter mailing list.

73, Roger W. Gregory W4RWG
SERA President, SC Director

SERA Repeater Journal
The Official Voice of SERA, Inc.

Advertising Sizes and Rates

Effective February 1, 2005

Full Color Covers 8.125 x 10.75" (+.125 bleed)	$425
Full-Page 7.25 x 9.875"	$160
Full-Page Bleed 8.125 x 10.75"(+.125 bleed)	$185
"Page 1" (1st inside page, spot color)	$250
2/3-Page (V) 4.75 x 9.875"	$120
1/2-Page (H) 7.25 x 4.875"	$88
1/2-Page (V) 4.75 x 7.25"	$88
1/2-Page (V) 3.5 x 9.875"	$88
1/3-Page (V) 2.25 x 9.875"	$65
1/3-Page (H) 4.75 x 5.0"	$65
1/3-Page (H) 7.25 x 3.25"	$65
1/4-Page (V) 3.5 x 4.875"	$52
1/4-Page (H) 4.75 x 3.75"	$52
1/4-Page (H) 7.25 x 2.5"	$52
1/6-Page (H) 2.25 x 4.875"	$36
1/12-Page (V) 2.25 x 2.5"	$20
Spotlight Page 2.25 x 1.125 (4 Issues)	$30
SPOT COLOR (each ad/page)	$50
SPOT COLOR (Dbl 2-pgs side-by-side)	$50

2nd Color ususually bright Red with black

INVOICING & AD INSERTION ORDERS

DEALERS: Quarterly dealer invoices, after insertion, will request information pertaining to future insertions. If no instructions on the *paid* returned invoice copy are received, the ad will be *repeated* and invoiced the upcoming quarter.

HAMFEST: Advertising must be ordered each edition for insertion. Payment must accompany insertion order/advertising copy for Hamfest ads.

ADVERTISING PAYMENT POLICY

ADVERTISING INVOICES are due upon receipt. Unpaid invoices will require us to withhold publication of any additional ads until account is paid in full. First time advertisers, hamfest advertising and Spotlight Page advertising is to be paid in advance - Please submit check with order.

SPECIFICATIONS & GENERAL

ADVERTISING SIZES are listed above. Ads that do not fit dimensions will be adjusted at no chage.

Digital copy is preferred, hard copy is acceptable. Contact the editor for details.

FULL COLOR COVER ADS, when available, are to be sized for full 8.125 x 10.75 + bleed. 150 Line screens preferred. Must be submitted on CD in a digital format capable of being used by our printer. Color Match Proof, Color Key or Pre-printed tearsheet should accompany.

INSIDE DISPLAY ADS - Design & layout is available at no charge for advertising to be run in the *Repeater Journal.* Adobe Acrobat PDF Proofs are available for ads that we design.

The *Repeater Journal* cannot be held liable or responsible for errors in advertising, or to the quality or accuracy of advertising claims.

WHERE TO SUBMIT ADS

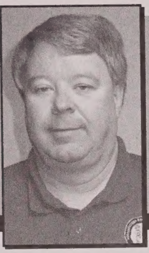
All advertising copy and insertion orders should be sent to the Journal Advertising Department:

Gary Pearce KN4AQ
Repeater Journal Editor
116 Waterfall Ct.
Cary, NC 27513
919-380-9944
kn4aq@sera.org

AD & COPY DEADLINE DATES

Ad copy deadlines are normally the 1st of the month, prior to month of publication. The Repeater Journal cannot guarantee publication of any advertising that arrives after deadline unless prior arrangements are made with the Ad Department.

FEBRUARY ***ISSUE*** **-**	*January 1*
MAY ISSUE -	*April 1* ◄
AUGUST ISSUE -	*July 1*
NOVEMBER ISSUE -	*October 1*



TENNESSEE

REPORTED BY
Bob Gault KD4NEC
221 Cedarwood Trail
Cleveland, TN 37312
kd4nec@sera.org

It's 2005, and it's hard to believe another year has passed. But we can look forward to all of the hamfests this year, and don't forget Field Day. As this article is being prepared for the February issue, Tennessee and other southern states are enjoying a taste of spring weather. It's still the middle of winter so readers who enjoy cold weather are assured more is on the way!

The **Mid-South Amateur Radio Association** in Bartlett held their annual Christmas party in December. With 50 door prizes to give away, each of the 45 club members and guests who attended went home with a prize.

Speaking of Christmas, the **Delta Amateur Radio Club** took part in the ARRL toy drive for children in Florida left homeless by the hurricanes last year.

With the New Year many clubs have installed new leadership. **Bristol** hams elected Chick Greever K4UTN as their president; Bill Price W4CZ as vice president; Toni Ward KF4BMW as treasurer; Dale Barker KT4SQ as secretary; and James Jarvis WD4JJ, as technical advisor.

In **Chattanooga**, **Joe Anderson WA4MKA** is the new president; Loyd C. Headrick K4LCH is the new vice president; Lou Carter KE4DGW is secretary; and Jack Green AD4LP is treasurer. Incidentally, Charlie Curle AD4F is taking over hamfest chairman duties for the CARC.

Wilson County amateurs elected a new president, Landon Roeder KC5ACP. Other officers are Sam Shields WB4CSG vice president, Julie Harris KG4SCU is club secretary and Greg Tomerlin K4KO is the treasurer. They have a good mixture of new and old calls, an indication some clubs actively recruit new members and encourage new ideas.

One of the state's largest clubs is the **Delta Amateur Radio Club**. Their board of directors includes president Neal Savage KA4BLL; vice president Darrell Sheffield KE4DHF; secretary Lisa Sheffield KI4DIL; and treasurer Bill Torkell KG4VAW.

For mid-state amateurs, the **Nashville** club has a new hamfest chairman. John Morgan N4NQM has taken over those duties. He will be calling on other club members to help make the 2005 hamfest a big success. The club elected board members George Brian WA4WJD, Gene Baker KG4VDJ, Kevin Gallager AG4TV, and John Morgan N4NQM. They replace retiring board members N4SYJ, KE4ETX, K5CRT and WB5ZDS.

While most clubs structure their organization, the **Clarksville Operating Radio Enthusiasts** (CORE) group is all about having fun. Their website says they are one group that has no regular meetings, no treasurer, no membership dues. They are committed individuals who enjoy radio and feel it is important.

The 9th annual **Southeastern VHF Society conference** will be held in Charlotte, North Carolina, on April 29 and 30. The Hilton Charlotte Executive Park is the host site. This will be the group's first conference in the state.

The **Maury Amateur Radio Club** manned a Skywarn booth at a local mall. Ken Hooper KE4BIO was instrumental in providing the public information about the valuable service volunteer amateurs provide in conjunction with the National Weather Service. The club is helping both old and new hams hone their CW skills. Classes are held over several local repeaters on Monday, Wednesday and Friday nights. More information for those who would like to participate is available from the club's website.

Till next time, 73's....

HAMFEST CHATTANOOGA

HAVE A FUN FILLED FAMILY WEEKEND

Camp Jordan Arena
East Ridge, TN

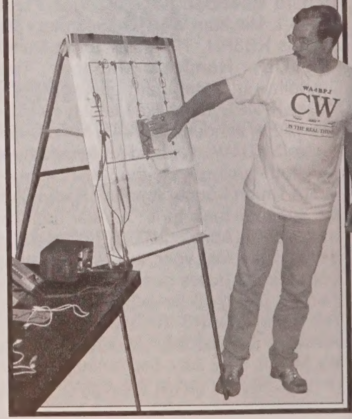
Hamest Chattanooga
P.O. Box 5864
Chattanooga, TN 37406

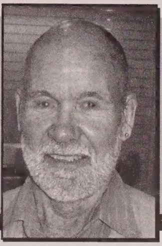
OCTOBER 22, 2005

Teach Ham Radio?

The *Repeater Journal* would like to weasel its way into your classroom! Let us know about your class, and we'll send some sample copies for free.

E-mail: *editor@sera.org*





VIRGINIA

REPORTED BY
FRED WEAVER KG4BKI
PO BOX A
ZUNI, VIRGINIA 23898
757-242-9066
KG4BKI@SERA.ORG

Local IRLP Control Operators have had their hands full with an amateur whose enthusiasm got way ahead of his operating skill. For operations described as rude and for failing to yield to an ongoing QSO, the Williamsburg node (#4943) was given a cooling off by the Western Reflector (#9250). This is part of the self-policing procedures used on IRLP. The control operator for the Williamsburg node, **John Magda KB4YFK**, issued a 30-day cooling off to our enthusiastic ham.

Mr. Enthusiasm has become a regular on several local repeaters, and I have had a number of QSOs with him. I had his email address and sent a message that bluntly (and possibly rudely) expressed my incredulity. His IRLP operations were so poor that he had gotten his local node kicked off a reflector!

All of this is before I learned that Mr. E has been banned from the Hampton node (#4183) for "comments unbecoming of good Amateur Radio practices and unacceptable emission for repeater operations". **Kim Raines KA4YXR,** the control operator, will keep the ban in effect until he has a satisfactory response, in writing, as to why he should allow this ham back on the node.

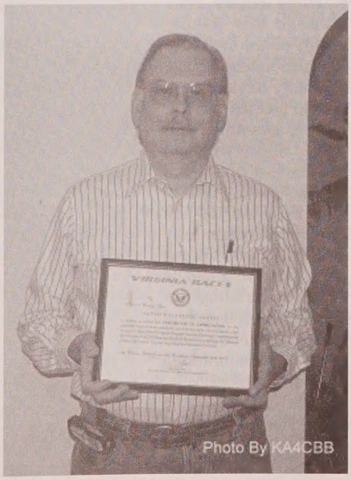
This incredible tale does not end there! Within a few days of his ban from the Williamsburg node I monitor him on the local repeater talking to an old acquaintance. Mr. E is describing the wonders of IRLP and suggests they change frequency to the repeater with the Williamsburg node (147.105). I can barely believe my ears as I also change frequency to 147.105! The friend is given the node number then the number for a Jamaica node. The friend chats with a 6Y station and Mr. E transmits the local weather conditions.

Within the hour I have emailed this information to John KB4YFK, and to **Chris Hanslits KA8UNO**, the DERO for this district. Hanslits took the steps necessary to rescind Mr.E's registration in Virginia RACES, Inc.; stating, "Your actions ...... indicate an inability to follow the guidance of fellow amateurs". At deadline I was not aware of the action planned by KB4YFK.

Hold on, there's more! Now banned in Williamsburg, banned in Hampton; Mr. E shifts his IRLP activities to node #4865 on a simplex frequency in Portsmouth. **Keith Ainsley KG4ZXK** is the control operator. For, "not using proper etiquette on the Western Reflector #9250 and also on Reflector #9204 located in Indiana", Keith has banned Mr. E from the Portsmouth node. This went into effect after several communications between Keith and Mr. E relating to the proper use of IRLP.

Mr. E's repeater operations are also noteworthy. Change frequency and ID without listening is his common way of operating. I have noted that he never picks up on the rotation when there are more than two stations using a repeater. The term "loose cannon" comes up a lot when this Amateur is mentioned.

This Amateur needs a mentor. It is hoped that he will accept some guidance from someone. He says he is planning to join the local club and that may be useful in encouraging some mentoring to begin. Truth is, this kind of enthusiasm is a good thing...... when coupled with good amateur practice.



Carter Cogle K4ARO receives Certificate of appreciation from the Central Virginia Hospital Disaster Planning Committee.

AWARD WINNING COOPERATION, CONTINUED

Received too late to be included in the November RJ is the news that Ralph Cowherd KB4YKV has donated his coordination on 147.18 to the **Central Virginia Hospital Council**. I understand this donation was very helpful in getting the repeaters required for the hospital system in the high end of the 2M band. Also the pic of Carter K4ARO is included this time. I'm sure many of his old SERA colleagues will enjoy seeing his face in the Journal.

THE SOUTH HILL GANG

At the invitation and encouragement of Sammy KD4MJO (my predecessor as Virginia Correspondent) I traveled with my fellow Podunkian, Chris KA8UNO to **South Hill** for breakfast on December 4th. This is about 1:45 driving time and is a bit far to drive for eggs and corned beef hash. But, the trip was very well worth it. **The Gang** is something like the Franklin Repeater Users – not a club, just a group of individuals who come together to do a little community service. Sammy has a repeater on 443.525 and that was our talk-in.

I was happy to meet Gary KI4GNZ whose picture leads my November column, Andy KF4KBS who is the ERO for Mecklenburg County and about ten others. Those who were not hams were encouraged and given the usual pep talks. I encouraged everyone to get prepared for the test session at the **Bronco Club Pig Pickin' Picnic** on June 11th. (Shameless plug – I admit it!)

Much of our conversation was related to Amateur topics such as our mutual interest in the **Virginia RACES, Inc.** hospital program that the Gang is working with. They will be setting up the repeater in South Hill and the hospital stations in South Hill and Emporia.

The Gang meets for breakfast on the

Richard Cowherd KB4YKV is presented with a Certificate of Appreciation by Tony Amato KR4UQ for the donation of the 147.18 repeater coordination to the Central Virginia Disaster Planning Committee.

bki> on the side:

Understanding COR Logic

In the last 'on the side' I indicated that we were having some difficulty with the remote base system on the 444.825 (Quail Roost Machine). Well, experienced repeater operators are well versed in COR logic, that voltage that changes state when a radio breaks squelch. Newbies have to learn it, sometimes the hard way. We have learned that radios with a DB-9 tend to have a convenient source of this voltage. The radios we want to use, the 75W Icom V-8000 isn't so convenient. Not to be deterred; the Icom Service Manual is on the way and we should be able to modify the radios to pick up the required voltage. Any experience that you might share in this regard is appreciated.

MAYBE A NET

Operating now with one radio, the RB system on the Quail Roost machine will have three radios. The system is not frequency agile, but we will be able to control which of the radios is on. When all three are on it will link Franklin 147.30, Smithfield 147.195, and Williamsburg 146.760. This link would cover all of the cities of Hampton Roads, Richmond, west to Emporia and South Hill, north into Glouster County, south into parts of North Carolina. There's lots of overlap in the coverage of these three, but the added coverage area will be big.

I'm thinking that a **Franklin Police Department Amateur Radio Link System Net** could be in order. That idea will be run up the flagpole and I'll see how many salute!

Be and Elmer.
Be and Mentor.

bki>

first Monday of each month. Email **sammyinva@aol.com** to get on his announcement list. There are no dues, but you do have to pay for your own breakfast.

HAMFEST SEASON 2005

With the New Year come thoughts of the upcoming Hamfests. The *RJ* Hamfest/Convention Calendar is a great resource for planning a 'fest adventure. Your Correspondent will be at **Frostfest** on Feb 20th, **CARS Springfest** in April, **Bronco Club Pig Pickin' Picnic** in June, (maybe) in **Roanoke** in July, and **Virginia Beach** in September. If I get to all of those it will be all the Hamfests in the SERA part of Virginia. See you there?

THE CARS CLUBHOUSE

The **Chesapeake Amateur Radio Society** is a very active group. Their immediate Past President is Ruth Bigio KB4LIF and, the current President is Keith Ainsley KG4ZXK. They submitted a great report on the final installation of the log periodic antenna at their new clubhouse on the second floor of Fire Station #5 in Great Bridge.

Readers will note that I have reported on this group before related to Skywarn Recognition Day, and Field Day. KB4LIF and others in the group were active during Hurricane Isabel. By the time you read this I should be a dues paying member.

See "Raising an Aluminum Cloud" below for the colorful details on their antenna party.

NEWSLETTERS

If your group publishes an e-newsletter send the url to me. Here are two to prime the pump. If I get a few more, I could put them together and email them on request. Send me your url!

The AARC Beacon
www.qsl.net/kf4utd

The CARS Spectrum
www.qsl.net/cars

73, bki>

Raising an Aluminum Cloud

Leo Kusuda KG4PWC

It was the weekend after Thanksgiving 2004 and gastronomic excesses must have caused mass migratory movement as 14 Hams converged on the QRM room on what started out as a very chilly morning in the low 30's. But by the afternoon the temperature climbed into the high 50's and the sun came out to see an aluminum cloud pointing north. Like all unnatural clouds, this one took an eruption of energy to lift into the sky.

If us Hams ever wonder why people think of us as some sort of social anomaly, you only have to look at the gleeful expression of awe and inspiration as we watched this mass of aluminum lift skyward. But in another world, we would be a community erecting a barn for our neighbor. We would be a family building our house in the frontiers or we would be a company team completing a pivotal project.

The erection of the log periodic antenna is physical evidence of the transfer of the role of club station from the Chesapeake Center for Science and Technology to the QRM room. The placement of the primary antenna christened the shack and launched it into a new era.

We had two portable electric screwdrivers, soldering irons and rows of tools that would make any chief Elf shop foreman happy. Despite the combined IQ of some of

the finest minds in the Chesapeake Amateur Radio club, the project still caused some major headaches with seized nuts, broken and incorrectly sized U-bolts and some errors in measurements.

The antenna is about 36 x 20 feet in size and weighs about 60 lbs. It seems almost magical in its ability to handle 5 different bands including 20, 17, 15, 12 and 10 meters. All elements are active. Depending upon the view, it looks like the skeleton of a very large kite or a strange kind of insect or an interplanetary sail. The longest element droops like a long wing at the bottom of its down stroke. Certainly if there was any significant wind during the installation, one could imagine that it would take off with a dozen Hams hanging by the talons of a large bird.

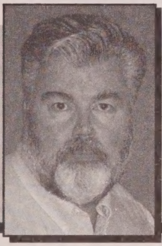
The antenna elements, which had been assembled earlier by Sonny K4WYS and Ricky KC4RIC, were laid out on the ground and attached to the boom. Phasing lines, the balun and the feedline were attached. Sonny and Rich WA4BUE came early to bless the efforts. The multitude of parts, screws and nuts of varying sizes made the process arduous. It took the team 3 hours to accomplish these tasks. Standard Ham nutrition consisting of soda, coffee, doughnuts and pizza buoyed our activities.

With hurricanes and storms occurring on the weekends on a regular basis, the antenna raising had been put off for some months. The morning weather seemed ominous, but as the clouds started to clear away, the antenna, which measured some 36 feet by 20 feet, was slowly hoisted up the tower. The antenna had a line at both ends and 2 sets of lines under the elements to keep the antenna from doing a death roll.

Jim KG4WOJ was chief Tower Meister and perched himself, with his family taking pictures, on top of the tower. A temporary mast with pulley was attached to the tower. Bill WF4R oversaw the task of hoisting the antenna. Ron KI4FNN was positioned on the roof for assistance, and the rest of us, Keith KG4ZXK, Paul K4PRB, Ruth KB4LIF, Matt KB1LCS, Lee KI4CAV, DeeDee KI4DNN, Tom KI4FNH, Don KB4NKP, and yours truly manned the other ropes. The antenna was lifted, tilted vertically, rotated and then rolled horizontally into its final position.

When the last bolt was secured, and Jim climbed off the tower, the antenna was picture perfect. Jim, a self avowed QRP opportunist, took advantage of the antenna to hook up his Yaesu FT 817 and with Keith at the mike proceeded to contact a station in Dayton Florida off the back side of the beam on 20 meters. With 2 watts, he got a S6 report!

Thanks to everyone for an enjoyable and highly rewarding day. ■



WEST VIRGINIA

REPORTED BY
RICHARD CLEMENS KB8AOB
102 HICKORY STREET
BUCKHANNON, WV 26201
304-439-1248
kb8aob@sera.org

As I write this, the world is getting ready to usher in a new year. And as many find it a time for reflection on the people and events of the past, I was recalling my early exposure to amateur radio and how much change I have seen during my lifetime. I would speculate my interest was sparked by my late father and his stories of gathering discarded dry cells from the local (Finleyville, PA) automobile garage and the resulting experiments with electricity and radio in the early 1920's. He would later encourage exploration of these ideas as my brother and I grew up but he did not maintain an interest himself. My father's curiosity may have been an extension of his father's work on the railroad as a telegraph operator or the fact that KDKA was just getting warmed up only a few miles to the north of his home.

"At 8:00 p.m., 2 November, 1920, KDKA of East Pittsburgh, Pennsylvania began broadcasting the Harding-Cox presidential election returns (M.A. Simaan)." If my father was listening he would have been just 13 years old, but even with only his crystal set and a long wire out of his bedroom window to the outhouse in the rear of the family home, it would have been an easy listen. "On 5 August, 1921, Harold Arlin broadcast a baseball game between the Philadelphia Phillies and the Pittsburgh Pirates for KDKA and later became the first broadcaster to describe football and tennis on radio (F. Buxton and B. Owen)." Harold W. Arlin was an electrical engineer for Westinghouse (KDKA's owner) at the time and just happened to be in the right place at the right time when Westinghouse needed an announcer.

As an interesting connection, Arlin became a household term in my hometown of Mansfield, Ohio. He was a board of education member and very vocal supporter for the construction of a new football stadium in the town. Over his passionate objections the new field was named Arlin Field and retains his name today. I doubt few realize the connection.

Why Mansfield? I have no idea except Westinghouse built an appliance plant in Mansfield and the town was also the site of the first totally electrified home. The new plant was also the motivation for my father to relocate and became the site of many electronic developments including ELEKTRO and SPARKO.

"Built in 1937/38 at the Westinghouse appliance plant in Mansfield, Ohio, ELEKTRO made his sensational debut at the 1939 World's Fair in New York City. He returned to New York in 1940 with his new companion, SPARKO, a mechanical dog. Standing over 7 feet tall and weighing in at 300 pounds, ELEKTRO thrilled thousands of people with his ability to walk, talk, raise and lower his arms, turn his head and move his mouth as he spoke. At the peak of his popularity, he had a vocabulary of over 700 words and a vast repertoire of one-liners (Jack Weeks K8RT)." I remember seeing ELEKTRO and SPARKO on display, and thanks to Jack Weeks and others the units were back on display in Mansfield this past year for all to enjoy.

I never remember meeting Harold Arlin, even thought he lived only a couple of blocks from our home. I recollect that he did become a customer of my brother's summer lawn mowing activities, but nothing tied to radio.

So I had my grandfather's old brass straight key and sounder from the railroad, a father who would occasionally spark my interest with talk of crystal sets, shortwave radios and a visit to see such things as ELEKTRO and SPARKO demonstrations. My brother also shared an interest in radio, but it was directed toward Hi-Fi, as it was known at the time. I would watch him build HeathKit and EICO Hi-Fi components, providing many hours of soldering fun, not to mention learning the basic components of electronic circuits.

I do remember my brother's interest in what was probably a National SW-3. It wasn't ours but had been borrowed from someone to listen to shortwave. I have no idea if that led to the construction of a plug-in coil longwave/shortwave receiver by my father and brother, but how I remember the pain of finding a strong signal or squeal in those 2000 ohm ear flatting headphones! I still have that radio with all six of the coils mounted on a bakelite board.

The first radio that I could actually call mine was a hand-me-down tabletop Philco Radio with push buttons for the big AM stations of the day: KDKA, WJR, KYW, WLW, WOR and a few more.

I was thrilled to have a radio that would actually receive stations outside the local area, but that wasn't the best part. This radio had longwave and shortwave bands as well. I would listen nearly everyday to that radio, especially in the winter on those dark cold nights. Since my bedroom closet had the access opening to the attic I convinced someone I needed to have an antenna installed and used the furnace pipes for a ground. The Philco had wonderful reception, as I remember, and a speaker too.

Several years later I realized there were two hams in the neighborhood. One ham moved in just down the street and was the father of boy about my age. About this same time I was trying to learn Morse Code from some 78 RPM records (without success) and found it just wonderful that you could use a keyboard to send messages. The neighbor was a RTTY enthusiast and had a complete homebrew station setup in his basement.

I was amazed how few components were actually inside the transmitter chassis and how well the whole system worked. I had grown used to the complex circuits my brother was building for his Hi-Fi gear, and the neighbor's ham equipment looked so much easier to construct.

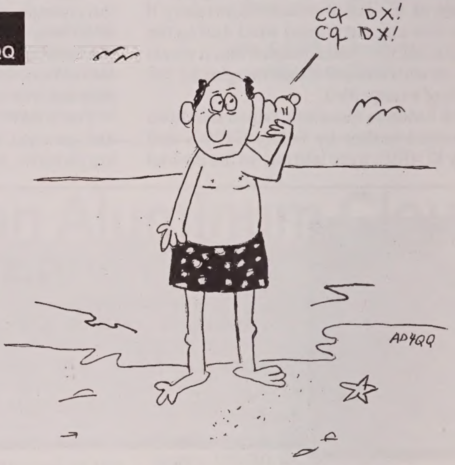
I would watch as the neighbor clanked away at the RTTY teletype and carried on a conversation. A RTTY tuning indicator was a real eye catcher and the focal point of the whole setup. I would go home dreaming that I too would be able to do that someday.

Today, I not only operate RTTY but also FM, SSB, CW, SSTV, APRS, PSK and a host of other modes so common and easy to do with computers. As I reflect on the enormous amount of change and progress that I have seen with radio and communications in general during the last fifty years, I begin to wonder what the world will see in another fifty years in 2055. Being flexible and creative will no doubt enhance the development of new tools and means of communications but the world may also see a significant change in the form and function of amateur radio.

Have a great new year! ■

JournalJester

Don Phibbs AD4QQ


cq DX!
cq DX!
AD4QQ

The Charleston Area Hamfest & Computer Show

Admission $5

Great Food

Saturday, March 19, 2005
9 AM to 2 PM
*Coonskin Armory
1707 Coonskin Drive
Charleston, WV

Great Prizes!

Plenty of Free Parking

Tables -- Only $5!
Reserve yours early by calling Jimmie Hewlett
WD8MKS, at 304-768-1142
jhewlett@bdi-usa.com

Set up: Friday, March 18 from 2 to 7 PM
Saturday March 19 7 to 8:30 AM

VE Testing: 12:30 PM

VUCC, WAS, DXCC card checkers will be available to check QSL cards that meet field checking requirements.

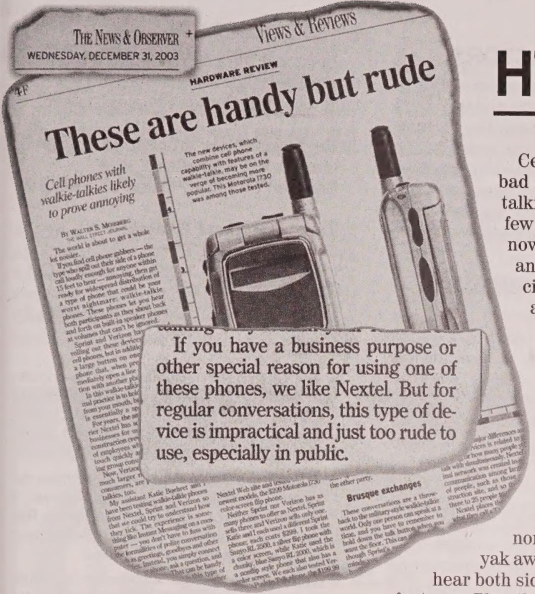
For more info write: Charleston Area Hamfest
PO Box 916
St. Albans, WV 25177
Or E-mail at : n8tmw@arrl.net

Talk In: Call W8CHF on 145.35 Repeater and 146.52 Simplex

*Directions: Take Exit 99, Greenbrier St. off I-64/77 towards Airport. Veer right past airport turnoff. Go to stoplight at Go-Mart and turn left onto Coonskin Drive. Armory is about 3/4 mile on left just before entrance to Coonskin Park

HT's rude, annoying

Gary Pearce KN4AQ



THE NEWS & OBSERVER

WEDNESDAY, DECEMBER 31, 2003

Views & Reviews

HARDWARE REVIEW

These are handy but rude

Cell phones with walkie-talkies likely to prove annoying

By Walter S. Mossberg
The Wall Street Journal

The world is about to get a whole lot noisier.

If you find cell phone gabbers — the type who spill out their side of a phone call loudly enough for anyone within 15 feet to hear — annoying, then get ready for widespread distribution of a type of phone that could be your worst nightmare: walkie-talkie phones. These phones let you hear both participants as they shout back and forth on built-in speaker phones at volumes that can't be ignored.

The new devices, which combine cell phone capability with features of a walkie-talkie, may be on the verge of becoming more popular. This Motorola i730 was among those tested.

If you have a business purpose or other special reason for using one of these phones, we like Nextel. But for regular conversations, this type of device is impractical and just too rude to use, especially in public.

Cell phone use in public is bad enough, but the "walkie-talkie" feature, introduced a few years ago by Nextel and now available from Verizon and Sprint, drew extra criticism in a *New York Times* article that was reprinted in the Raleigh *News & Observer*.

Writer Walter Mossberg complained that while you only hear one side of the cell phone conversation – the person who doesn't realize that they're talking at twice the volume of a normal conversation as they yak away in the restaurant – you hear both sides with the walkie-talkie feature. Plus the loud "roger beep" that some hams have suggested is really just an advertisment for the service. He also thought that the one-at-a-time nature of push-to-talk can be confusing, and he found that conversations tended to be "brusque (and) impersonal."

HT's have not been subject to this kind of disparagement until now. Or maybe their use just hasn't risen to the level of major public annoyance. Now, hams talking on handheld radios might be lumped in with the rest of the 2-way phone abusers.

My wife Cyndi KD4ACW looked over my shoulder as I scanned this article for the *Journal* and chuckled. I asked her if HT use in public bothered her. "Not if they're being used by police, fire or EMS," she said. I decided not to push the question any further.

I have had people suggest it might be fun to program the repeater courtesy tone to sound like the Nextel beep. Now I think that may not be such a good idea. ■

The Half-Duplex Retransmitter

(OR "HOW TO UN-CONFUSE THE SIMPLEX REPEATER")

by Bonnie Crystal KQ6XA

©1999~2003 Bonnie Crystal
reprinted by permission

ABSTRACT: The author has relied upon simplex and duplex repeaters for communications on expeditions to remote areas of the world since 1996. The use of half-duplex combined with a simplex repeater controller increases effectiveness of communications and decreases user confusion found on simplex-only systems. The system described maintains lower weight and smaller size compared to other full- duplex systems which require a duplexer.

LINK TO PHOTOS:
www.qsl.net/kq6xa/repeaterpack/

BACKGROUND/ ENVIRONMENT

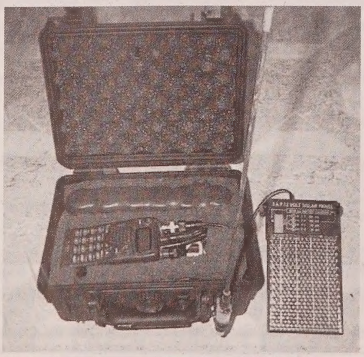
In summer of 1999, our cave exploration expedition used a "Half- Duplex Re-Transmitter" on VHF-FM in remote mountainous terrain. It was our primary means of communication among team members over more than 200 square miles of an unexplored area of the Amazon basin and rocky Andes mountains in South America.

COVERAGE

The little "portable repeater box" system was mounted on the top of a 14,000 ft. mountain with a commanding view of more than 150 miles line-of-sight in all directions. It required only 1 Watt or less of RF power to get solid noise-free coverage to HTs with ducky antennas.

EQUIPMENT - REPEATER BOX - SOLAR

A solar-powered re-transmitter was put together in a Pelican case with a Radio Shack Simplex Repeater Controller, an ICOM T-22 VHF handheld transceiver, and a D-cell NiCad pack. Two small 100mA solar panels supplied enough power for one month, and the 12:1 battery- saver mode was used in the transceiver. One panel was aimed at the morning sun, and the other at the evening sun, on opposite sides of a large boulder. The antenna was a wire vertical mounted on a locally acquired wooden stick. The box was buried under some rocks to conceal it and anchor it from high winds (approx 60mph).



SIMPLEX CONFUSION

We started out the beginning of the expedition using standard "simplex repeat". That is, the "simplex repeater" was listening and re-transmitting with audio delay on the same frequency. This worked, but it caused a lot of doubling and confusion whenever the users were close enough to hear both the repeater and the direct transmissions from each other. At times, there was frustration and anger voiced among the users. The confusion was so bad that we talked about shutting off the repeater entirely. The big problem was that we had very limited range without the repeater, so it was essential to keep it on the air. The use of a second simplex channel created another, more serious problem because we all had to all somehow monitor two channels instead of one and respond on the correct one.

HALF-DUPLEX SOLVES THE CONFUSION

Faced with a dilemma, we had to come up with a new plan. So, we climbed back up the mountain to the repeater site and switched the repeater's HT transceiver over to "Half-Duplex". At the same time, we also added a second channel position to each of the team's handhelds, and relabeled the channel names. We labeled one channel "DIRECT" and labeled another channel "REPEAT". The DIRECT channel in each radio was on the repeater's output frequency. The REPEAT channel listened to the repeater's output frequency, but transmitted on the repeater's input frequency. The REPEAT channel operated the same as a normal full-duplex repeater, with the repeater radio on the reversed duplex frequency pair from the handhelds.

RESULTS

The Half-Duplex Re-Transmitter mode worked so much better than Simplex Repeat! The system provided good service for us during the entire expedition, and the same system was used again the following year in another area with similar results.

DIRECT/REPEAT OPERATIONAL FACTORS

Everyone easily understood the DIRECT and REPEAT nomenclature and they were able to comprehend how the system worked during the first time using it. The doubling and confusion was almost eliminated. Most of the time, we kept the radios on REPEAT channel, but whenever we were close enough to talk without it, we used DIRECT channel.

COMPATIBILITY - SIMPLEX AND REPEATER

In the Half Duplex mode, the team handhelds and basecamp station always listened on the same frequency whether they were in REPEAT or DIRECT mode. These modes were completely seamless and compatible, with each user determining whether to go DIRECT or be REPEATED on a case-by-case basis at the flip of their channel switch. When two operators were in close proximity to each other, they switched to DIRECT and were able to talk back and forth more rapidly without going through the repeater. When an operator was further away, they switched channel to REPEAT. Since everyone always listened on the same frequency, there was never a time when channel scanning was needed, and no one missed a call.

SYSTEM SETUP

Here are the channels and nomenclature we used for setting up and programming our Half-Duplex/Simplex system:

Re-Transmitter (repeater) Radio:
(carrier or PL squelch)
Send on FREQ 1 / Listen on FREQ 2

Team Handheld Radios:
Channel "DIRECT" =
Listen on FREQ 1 / Send on FREQ 1
Channel "REPEAT" =
Listen on FREQ 1 / Send on FREQ 2

NOTES:

1. Any TX and RX frequency may be chosen to be compatible with a frequency plan as long as the TX Frequency and RX Frequency are separated by more than 50 kHz.
2. Originally, a Spectrum HRC-10 simplex repeater controller was utilized, however, it developed problems and the back-up Radio Shack controller was substituted and used successfully since then.
3. The Half-Duplex Re-Transmitter is classified as a repeater for USA FCC purposes. With a suitable control and ID system, it could be utilized for automatic repeater operation under the FCC rules.
4. To contact the author, please send email to expeditionradio@aol.com

SOUTHEASTERN REPEATER ASSOCIATION
sera
MEMBER

What is Interference-Free Local Repeater Operation Worth to you?

Supporting SERA, your local Amateur Repeater Coordinator, makes it possible.

SERA Repeater Journal
The Official Voice of SERA, Inc.

JOIN SERA AND GET THE REPEATER JOURNAL!

$10/year - SAVE $6 OFF THE COVER PRICE
Fill out the application below, mail with your check to:
SERA MEMBERSHIP PO BOX 215, TOBACCOVILLE, NC 27050

SERA

RJ

I Want to Support SERA and get the Repeater Journal!

Make check payable to: SERA Membership *(Please Print Carefully - we gotta read this, y'know)*

Name________________ Call________
Address________________ Date________
City________________ State______Zip________
Phone [______] ______ ________ ARRL Member? { }YES { }NO { }LIFE
E-Mail Address________________
(SERA does not sell or give away our members' street or e-mail addresses)
$________ Payment for ____Year(s) Membership.
$10/year 2 year maximum

New Member ☐
Renewal ☐

Deadlines to receive the next issue:
FEB: Jan 15
MAY: April 15
AUG: July 15
NOV: Oct. 15

SERA Repeater Journal
The Official Voice of SERA, Inc.

ADVERTISER INDEX

Alinco	C3
Atlanta Hamfest (GA)	16
Catawba Valley Hamfest - Morganton NC	13
Charleston Hamfest (WV)	58
Charlotte Hamfest (NC)	4-5
Chattanooga Hamfest (TN)	54
Commercial Printing Service	44
Computer Automation Tech	10, 42
Cook Towers, Inc.	45
Dayton Hamfest Bus	14
DownEast Hamfest - Kinston NC	18
DurHAMfest - Durham NC	47
Elkin Hamfest (NC)	48
Icom America	C4
Knoxville Hamfest (TN)	21
Maggiore Electronic Lab	46
NCG Companies - Comet, Maldol	C2
NHRC Repeater Controllers	7
Raleigh Hamfest (NC)	8-9
RF Connection	17
Richmond Frostfest (VA)	1
Rockingham County Hamfest (NC)	49
RT Systems	17
SalisburyFirecracker Hamfest (NC)	49
SERA Associate Membership form	60
SERA Full Membership form	61
Shelby Hamfest (NC)	50
TEN-TEC	15
Union County Hamfest (SC)	52
Upstate (Spartenburg) Hamfest (SC)	51
WCARS/VEC	45
Williamston Swapfest (NC)	17
Winston-Salem Classic Hamfest (NC)	23
Wireman, The	22

2005 REPEATER FULL MEMBER APPLICATION

THE SOUTHEASTERN REPEATER ASSOCIATION, INC.

Providing voluntary frequency coordination for Amateur Radio repeaters in Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia and West Virginia

Please fill out the this SERA Full Member Application completely. Be sure to list 2 persons as SERA representatives. **ONLY these two will have voting rights, and receive the *Repeater Journal.*** MAIL YOUR CHECK AND APPLICATION TO: SERA FULL MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050. Deadline to be listed as member in May 2005 *Repeater Journal* is April 1, 2005.

	CITY/MTN. ETC. (MAX 14 LETTERS)	RPTR CALLSIGN	INPUT FREQ	OUTPUT FREQ
RPTR#1				
RPTR#2				
RPTR#3				
RPTR#4				

IF YOU NEED SPACE FOR MORE REPEATERS, USE A SEPARATE SHEET OF PAPER

NAME THE TWO PERSONS WHO WILL REPRESENT YOU AND CARRY YOUR VOTE AS A FULL MEMBER. EACH WILL RECEIVE THE *REPEATER JOURNAL.*

NAME ____________________ CALL __________
ADDRESS ____________________
CITY ____________ STATE ______ ZIP ________
HOME PHONE #: (   ) ____________________
E-MAIL ADDRESS: ____________________
ARRL MEMBER: [   ] YES   [   ] NO

NAME ____________________ CALL __________
ADDRESS ____________________
CITY ____________ STATE ______ ZIP ________
HOME PHONE #: (   ) ____________________
E-MAIL ADDRESS: ____________________
ARRL MEMBER: [   ] YES   [   ] NO

FULL MEMBERSHIP: [   ] NEW   [   ] RENEWAL - ($20 FOR YEAR 2001 - 1/1 thru 12/31/05)   FEE ENCL. - AMOUNT $________

REPEATER IS SPONSORED BY: (Name of Club OR Owner) ____________________

REPEATER TRUSTEE'S NAME ____________________ CALLSIGN ____________

IF A 2002 SERA REPEATER DATASHEET WAS NOT RECEIVED LAST OCTOBER, INDICATE PERSON'S NAME AND ADDRESS TO SEND THE 2003 SHEET TO:

NAME ____________________ CALLSIGN ____________

ADDRESS ____________________ CITY ____________ STATE ________ ZIP ________

✱ IMPORTANT NOTE: ONLY OFFICIALLY SERA COORDINATED ON-AIR, OPERABLE REPEATERS ARE ELIGIBLE FOR SERA FULL MEMBERSHIP.

An application for SERA Full Membership status, and the payment of the respective dues thereof, does *NOT* constitute coordinated status for the repeater(s) listed on this application or accompanying sheets. Contact your local coordinator to learn how to obtain coordinated status.

THANK YOU FOR YOUR GENEROUS FINANCIAL SUPPORT OF THE SOUTHEASTERN REPEATER ASSOCIATION, INC

Spotlight Your "STUFF" Here - $30 per Block/Per Year (4 issues)

146.970 — 146.895 — 444.950

VIRGINIA BEACH EMERGENCY AMATEUR REPEATER SOCIETY

WA4KXV

Repeaters by the Sea

145.01 — 145.67 — 224.52

OAK RIDGE TN

The Oak Ridge ARC Invites you to our -

2005 HAMFEST

October, 2005

WEB: www.korrnet.org/orarc/
INFO: muncytn@msn.com

Grand Strand ARC Proudly Presents

BEACHFEST 2005

Myrtle Beach, SC

OCTOBER 29, 2005

ARRL SC State Convention
www.w4gs.org

June 11, 2005

Bronco Club Annual Picnic

Pig Pickin' Picnic / Tailgating

Raffle for GPS unit

Program/ARRL Test Session

Talk-in 147.30 (131.8) / Info: stu.tyler@juno.com

Welcome to the

KD4MYE Repeater System

Youngsville, NC - 145.110 & 53.370
Raleigh, NC - 147.015

For Friendly, Family Oriented Amateur Radio Fun!

email: kd4mye@aol.com

13 Element BWG 2 Meter Beam
Vertical or Horizontal
Norris Price KF4BWG
1-800-755-8582
kf4bwg@planetc.com
J-Poles, too!
www.qsl.net/kf4bwg

KC4QPR Repeater Systems

Walker-Top Mt. - Morganton, NC

146.745- & 442.300+

Dedicated to Public Service

Nets: XYL Mon 8:30PM - C-VET Thurs 8:30PM

Looking for 24/7 Links From Murphy to Manteo

kc4qpr@vistatech.net

The Knoxville Hamfest

Knoxville Exhibition Center

Saturday, JUNE 11, 2005

For more info: (865) 673-0475
WEB: www.W4BBB.org
E-Mail: W4BBB@arrl.net

Email: CookTowersInc@aol.com
Toll Free: 877-992-2665

Cook Towers, Inc.

Lines & Antennas Towers & Communications

Kathleen Cook, CEO
Ham: AB2LF GMRS: WPYM-499

Use Spotlight Page To:

- ✓ **Announce Your Net**
- ✓ **Promote Your Repeater**
- ✓ **Promote Your Club**
- ✓ **Promote Your Business**
- ✓ **Extra Hamfest Listing**

Brinkley Electronics

New and Used Commercial Two Way Equipment
Conversion of Commercial Gear to Amateur Bands
Custom Radio Programming Service

P.O. Box 502 Wallburg, NC 27373
336.769.2902
www.nc4ab.com

STARGATE

STARGATE is the proud sponsor & host of the SERA Web Page & SERA E-Mail Servers. ***STARGATE*** nationally serves the two Virginias with local access from Beckley, Bluefield, Fayetteville, Hinton, Lewisburg, Logan, Oak Hill, Princeton Richlands, and Tazewell.

For more information call
1-877-570-STAR (877-570-7827)

STARGATE is a National full service Internet Service Provider

Visit our home page at: www.stargate.net
Visit our SERA home page at:
STARGATE www.sera.org
ALEX N8FWL

CARY MID-SUMMER

SWAPFEST

Since 1973, always the
3rd Saturday in July
Cary ARC, P.O. Box 53 - Cary, NC 27512

www.saradiomuseum.org
W4AFM
The Southern Appalachian RADIO Museum
Asheville, North Carolina
(828) 299-1276 (828) 298-1847

Murray D. Adams, *WA4DAN*
25 Years Experience
Insured, Workers Comp

Adams Tower Services Inc.
1-800-401-0190

Inspections, Painting, Maintenance, Repair, Tower Lighting & Strobes, Lines & Antennas, Plumb & Tension

P.O. Box 585
Fountain, NC 27829
Email: adamstower@aol.com
Web: www.adamstower.com

Office: 252-749-2535
Fax: 252-749-2722
Cell: 252-341-8693
Truck: 252-341-8694
Shop: 252-753-5700

SERA
N.C.
S.C.
VA.

SOUTHEASTERN REPEATER ASSOCIATION
sera
MEMBER

SERA Membership

is now available on the web:
www.sera.org
✱ join ✱
✱ renew ✱

secure credit card transaction

"Your one stop for new old-stock tubes"

THE TUBE SHOP

Box 11283, Norfolk VA. 23517
Phone: 757-451-2022
Fax: 757-451-8249
Email: tubeshop@cox.net
on the web:
www.thetubeshop.com

DOWN EAST HAMFEST

Kinston, N.C.

MARCH 6, 2005

Information - (252) 523-2703

THANKS FOR A GREAT 2004!

The SERA *Repeater Journal* Southeastern

HAMFEST/CONVENTION CALENDAR

Hamfest dates marked with an asterisk (*) are ***not*** confirmed and are estimated from the previous year's date.

We urge hamfest sponsors to send their correct dates to the *Hamfest Calendar* editor as soon as possible (**hamfest@sera.org**).

We acknowledge and appreciate assistance in confirming dates from SERA & ARRL Directors, the ARRL, commercial dealers, and many clubs and individuals.

Deadline for the May Issue is April 1st, 2005

FEBRUARY, 2005

11-13 .... Orlando ARC HamCation, ORLANDO, FL
13 .... Mansfield Mid*Winter Hamfest, MANSFIELD, OH
19 .... Hernando Co. ARA Hamfest, BROOKSVILLE, FL
20 .... FrostFest, RICHMOND, VA
26 .... Hamfest, ELKIN, NC

MARCH, 2005

5 .... Charlotte County Hamfest, PORT CHARLOTTE, FL
5-6 .... ***new date/location.*** DixieFest Hamfest, MEMPHIS, TN
6 .... DownEast Hmfst, Lenior County FG, KINSTON, NC
12 .... Mammoth Cave ARC Hamfest, CAVE CITY, KY
--- .... ***Cancelled*** - Harrison Hamfest, HARRISON, AR
11-12 (Fri-Sat) .... Acadiana ARA Hamfest, RAYNE, LA
12-13 .... Hamfest/Computer Show, CHARLOTTE, NC
13 .... Vienna Wireless Winterfest, ANNANDALE, VA
19 .... Kennehoochee Hamfest, MARIETTA, GA
19 .... Hamfest at Coonskin Armory, CHARLESTON, WV
19 .... Playground ARC Swapfest, FT. WALTON BEACH, FL
19-20 . MTARS Hamfest, ARRL State Conv., TULLAHOMA, TN
20 .... Toledo Mobile Radio Assn. Hamfest, MAUMEE, OH
26 .... Gulfcoast ARC HF, NEW PORT RICHEY, FL

APRIL, 2005

2 .... Fort Smith ARC "Hanging Judge" Hamfest, FT. SMITH, AR
2 .... Lincoln Trail ARC Hamfest, ELIZABETHTOWN, KY
2 .... Union County ARC Hamfest, UNION, SC
.... ***cancelled*** - (may return in 06), CLEVELAND, TN
2-3 .... Baltimore ARC Hamboree, TIMONIUM, MD
3 .... Lake County ARA Hamfest, MADISON, OH
9 .... Chesapeake ARS Springfest, CHESAPEAKE, VA
16 .... Catawba Valley Hamfest., MORGANTON, NC
17 .... RARS*Fest,* NC Section ARRL Conv., RALEIGH, NC
17 .... CUYAHOGA FALLS, OH
23 .... Cherokee Capital ARS Hamfest, CALHOUN, GA
23 .... Eastern Shore Hamfest, EASTON, MD
23-24 .... Gainesville ARS Hamfest, GAINESVILLE, FL
24 .... I-75 Corridor Hamfest, LAKE CITY, TN
24 .... Athens Co. ARA Hamfest, ATHENS, OH
24 . ***new*** CARA tailgate only hamfest, West Friendship, MD
29-30 .... SE VHF Society Conference, CHARLOTTE, NC
29-30(Fri-Sat) .... Baton Rouge ARC Hamfest, BAKER, LA
29-30 (Fri-Sat) .... Joplin Hamfest, JOPLIN, MO
29-30 (Fri-Sat) ...... OzarkCon QRP Conf., Ramada Inn, JOPLIN, MO
30 .... BARC In-The-ShadeTailgate Party, MOULTON, AL
30-May 1 .... Birminghamfest, BIRMINGHAM, AL

MAY, 2005

1 .... Jackson Co. ARC Hamfest, RIPLEY, WV
7 .... Upstate SC Hamfest, SPARTANBURG, SC
7 .... Big Sandy ARC Hamfest, LOUISA, KY
14 .... Johnson County ARC, MOUNTAIN CITY, TN
14 . ***new hamfest*** - Rockingham Co. Hamfest, EDEN, NC
21 .... Roanoke ARS Swap Fest, WILLIAMSTON, NC
20-22 .... Dayton Hamvention, DAYTON, OH
21 .... East Carolina Antique Radio Club, GREENVILLE, NC
27-28 (Fri eve-Sat) .... Jackson Co ARA, PASCAGOULA, MS
28 .... Hopkins Co. ARA, MADISONVILLE, KY
28 .... DurHAMfest, NG Armory, DURHAM, NC
29 .... MFMA Mem. Day Hfst, WEST FRIENDSHIP, MD

JUNE, 2005

4 .... Atlanta RC Hamfest, ATLANTA, GA
4 .... Northern KY ARC Hamfest, INDEPENDENCE, KY
5 .... Ole VA Hams, Hamfest at FG, MANASSAS, VA
11 .... W-S Classic at Dixie FG, WINSTON-SALEM, NC
11 . ***Saturday only*** - RACK Hamfest, TN ARRL, KNOXVILLE, TN
11 .... Pig Pickin'/Tailgate (exams), FRANKLIN, VA
11* .... Dekalb Co. ARC Tailgate Outing, FT. PAYNE, AL
18* .... Tailgate Party (free), CHESTER, SC
18 . ***new location*** - Putnam Co. Fairgnds, COOKEVILLE, TN
19* .... Frederick ARC Father's Day Hmfst, FREDERICK, MD
25-26 .... **ARRL FIELD DAY**

Announcing our new

Hamfest Calendar Editor:

Paula Shutt

(xyl of Mike Shutt KG4GAF)

Does your hamfest date have the dreaded *?

Is it wrong, or just plain missing?

e-mail Paula at: hamfest@sera.org

JULY, 2005

2 .... Firecracker Hamfest, Civic Center, SALISBURY, NC
9 .... Tailgate Party, GAINESVILLE, GA
10 .... Valley Forge Hfst and Cmptr Fair, KIMBERTON, PA
22-23(fri-sat) .... Milton ARC Hamfest, MILTON, FL
16 .... Midsummer Swapfest, CARY, NC
~~16~~ — ***hamfest cancelled*** RCARS Hamfest, DAYTON, TN
16* .... NOARSFest, WELLINGTON, OH
23 .... OH-KY-IN ARS Hamfest, CINCINNATI, OH
24 ***new location*** Howard Co. FG, BRATS Hmfst, BALTIMORE, MD
24* .... Portage ARC Hamfair, RANDOLPH, OH
30 .... WCARS Hamfest, WAYNESVILLE, NC

AUGUST, 2005

6 .... Roanoke Valley Hamfest, (Vinton) ROANOKE, VA
7 .... 55th Annual Winchester HF, BERRYVILLE, VA
6 .... Voice of Aladdin ARC HAM-OH-RAMA, COLUMBUS, OH
13 .... 7th Annual CFARS Swapfest, FAYETTEVILLE, NC
13 .... ***free*** - Ellijay ARS Hamfest, ELLIJAY, GA
13* .... TARA HF & Comp. Show, HUNTINGTON, WV
14* .... Central Kentucky ARRL Hamfest, LEXINGTON, KY
14 .... Carroll County ARC Hamfest, WESTMINSTER, MD
21 .... Warren ARA Hamfest, WARREN, OH
20-21 .... Hamfest, ARRL SE Div. Conv., HUNTSVILLE, AL
27* .... Short Mt. Repeater Club Hamfest, LEBANON, TN
27-28 .... WV State ARRL Conv/Hamfest, WESTON, WV

SEPTEMBER, 2004

3-4 .... Shelby ARC Hamfest, SHELBY NC
10 .... Owen County ARA Hamfest, SPENCER, IN
10 . Greater Louisville Fest., State ARRL Conv., LOUISVILLE, KY
10-11 .... F.A.R.Fest, GAITHERSBURG, MD
11* .... Findlay Hamfest FINDLAY, OH
17 .... Monroe ARS Swap Meet, MONROE CO., TN
17 .... Paulding ARC Hamfest, DALLAS, GA
17* .... CAREN All Arkansas Hamfest, JACKSONVILLE, AR
17-18 .... VA Wesleyan, VIRGINIA BEACH, VA
17-18 .... Chicago FM Club Radio Expo, GRAYSLAKE, IL
18* .... Greater Cinci ARA Hamfest, CINCINNATI, OH
TBA* .... (Fri-Sat) TEN-TEC Hamfest, SEVIERVILLE, TN
24 .... Suncoast ARC Hamfest, New Port Richey, FL
25 Cleveland Hfst & Comp. Show, CLEVELAND (BEREA), OH

OCTOBER, 2005

1* .... York Co. Fairgrounds, ROCK HILL, SC
1* .... Red Rose Rprt Assn Hamfest, BROWNSTOWN, PA
2 .... CARAfest, WEST FRIENDSHIP, MD
2* .... Hoosier Hills Ham Club, BEDFORD, IN
8 ...... ***location change TBA*** - Nashville ARC , NASHVILLE, TN
8* .... Hamfest, STARKE, FL
9 .... Hamfest, MAYSVILLE, NC
TBA* .... NW GA ARC Hamfest, ROME, GA
15* .... Oak Ridge ARC Hamfest, FOE Bldg, OAK RIDGE, TN
15* .... South-Side ARC Hamfest, GRANDVIEW, MO
22 .... CATS Hamfest, CLARKSVILLE, TN
22 .... HF at C.Jordan in E.Ridge, CHATTANOOGA, TN
22 .... Sumter ARC Hamfest/Comp. Fair, SUMTER, SC
29 .... BEACHfest, ARRL State Conv., MYRTLE BEACH, SC
30 .... Massillon ARC Hamfest, CANTON, OH
30 .... Mason-Dixon Hamfest, WESTMINSTER, MD

NOVEMBER, 2005

5-6 .... Stone Mt. Hamfest, LAWRENCEVILLE, GA
12 .... Hamfest, ARRL Section Conv, MONTGOMERY, AL
19-20 .... Hamfest and Computer Expo, FORT WAYNE, IN
12* .... KY Mt. ARC Hazard Swapfest, HAZARD, KY
13 .... Central IL/St. Louis ATV Banquet, LITCHFIELD, IL
20* .... JARSFEST at American Legion, BENSON, NC
18-19* ..... Jackson Co. ARA Hamfest, OCEAN SPRINGS, MS
26 .... EARS Hamfest, EVANSVILLE, IN

DECEMBER, 2005

3 .... ***new location***- GAARC Swapfest, GASTONIA, NC

JANUARY, 2006

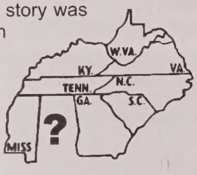
7* .... Lakeway ARC, VFW, MORRISTOWN, TN
7* .. Winston-Salem Firstfest, WINSTON-SALEM, NC
7* .... Greenwood ARS Hamfest, GREENWOOD, SC
14* ... Southwest Ohio Digital Symposium, MIDDLETOWN, OH
14* .... SCARA Hamfest at Civic Center, GALLATIN, TN
14* .... SE LA ARC Hamfest at SLU Univ., HAMMOND, LA

SQUELCHTALE

Gary Pearce
KN4AQ
Editor
kn4aq@sera.org

Come hither, Alabama?

I've looked at that empty spot in the SERA map now and then, and wondered what the story was in Alabama. Why was there this hole in the map of SERA member states?



Alabama Repeater Council President Ron Shaffer W4VM's visits to the SERA Board Meetings have helped answer those questions. He's been interested in seeing if now's the time for Alabama repeater owners to take the plunge.

I'd like to add my 2¢: y'all come!

The 15 vs 20 kHz channel step problem is just a technical decision to make (Alabama is "all 20 kHz" on two-meters, while the SERA band plan calls for 15 kHz steps between 146 and 148 MHz). I don't want to preempt any discussions that might be in the works between SERA and the ARC, but it seems to me that question is easy: grandfather the ARC band plan for continued use there. No, don't make them change all their repeaters. And no, don't offer 20 kHz to the rest of SERA. And let's not argue the merits of either plan (again, again and again). OK, so I did preempt the discussion.

What we're left with is "what's in it for us/them?"

Of course, I greedily eye another few hundred *Repeater Journal* readers. And some hamfest ads. C'mon, Huntsville (y'know, Huntsville ought to be advertising anyway – lots of SERA readers to pull out of the surrounding states to that big hamfest).

Beyond that, I'll admit I can't think of anything that compelling. You'll get that nice ComStudy software. You'll get a feeling of being part of something a little bigger, which you may see as a positive, or maybe a negative. A few of your leaders get to come to the Board Meeting, with a free dinner and your room paid for (and our delightful company) near tourist mecca Pigeon Forge. Some of the wives hit the antique shops – the rest of us sit in the room and meet all day. No trying to key up DX repeaters with the HT from the top of the roller-coaster at Dollywood (do they even have a roller-coaster at Dollywood?). More people to bounce ideas off of (though I don't think SERA coordinators refuse to answer your e-mail with a question or comment).

The other side of the coin is that feeling of autonomy. The ARC can do whatever it wants, and doesn't have to drag the rest of SERA along with it. So what have you done with that autonomy lately? What will you use it for in the future?

I think the SERA Directors will tell you that they feel pretty good about being part of the larger group. Even with the strain of that Tone decision/revision last year. I haven't seen much chafing among them to go their own way. I've seen dissention and argument, and eventually the Board reaches the right decisions. Decisions that work for the whole territory. Decisions that take varying geography and other local concerns into account.

There are some big issues coming up that you might want to have a voice in, a voice amplified by SERA membership. The first all-digital repeaters are coming, with the potential to reshape the band plan to accommodate them (this is going to be a doozy). Narrowbanding analog repeaters may also be coming.

Looking at your web site (www.alabamarepeatercouncil.org), I see you've done some creative things. SERA could use your imagination and energy, as much or more than you could use ours.

I'm sure there are some legitimate issues to work out that I haven't thought of. And if the final answer for this round still ends up "no," I don't think there are any big losers. I don't know if I can put my finger on how we'd be big winners, either. I just think we'd all be a little better off making the SERA tent a little bigger.

Who are we?

This leads me to another thought. Just who is SERA? Perhaps I should use the more formal "*the* SERA" for a question like this. As we were being lambasted from all sides on e-ham, QRZ and the mailing lists during the Tone debate, I got the feeling that SERA was seen as some big monolith, a unity, a block of granite, or maybe that black-marble slab from "2001: A Space Odyssey" (My God, it's full of stars!).

Hardly. Look at all the names on Page 2. This is a lot of people. Most of them are leaders in clubs or repeater groups "back home." (Maybe it *is* full of stars.) They bring their experience, opinions and egos into SERA and mix it up. And we've got all kinds. Some quiet, thoughtful types. Some noisy, pushy types. Some guys that you say "Oh, geez, not again" when they start to talk. Some guys you wish would say more. Some old, wise veterans. Some young, smart, energetic newcomers (not enough of them). And no women at all, at least not right now – SERA today is a men's club. Didn't used to be.

For sure, SERA is not a closed, "old guard" society. Very few have been around more than 10 years. Our President, Roger Gregory W4RWG, became an Assistant Director in South Carolina at the summer Board Meeting in 2000. Turnover is steady. Even in states where the Director is an old-timer, there have been changes in Vice-Directors, coordinators and other staff.

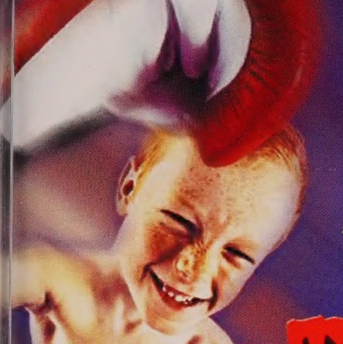
It's not like hams are beating down the doors to get in. New staff members are usually recruited by current staff members. That may be the "clubbiest" aspect of the group. There are some repeater owners out there who will probably never be invited. But it's been years since there was a contested election for a Director or Officer position.

SERA's not a single voice. It's a chorus. And it's not always in perfect tune. But it's as good as the people who volunteer their time and energy to do what needs to be done. And that's pretty good.

1972

I was noodling the SERA member database recently and I decided to see who our longest-term members were. I found these calls from 1972, still members today: N4CH, WW4FL, WA4YGD, K4DFI WA4LED and KI4YV. Thanks!

Small, but ready for Xtra operating fun.



Xtremely "mini" HT delivers "BIG" performance!

DJ-C7T 2m+440 "Pocket-size" HT

Pocket some radio power with the DJ-C7T, the Xciting new dual band mini HT from Alinco. After leading the way in breakthrough miniature electronics technology with its revolutionary "credit card" size transceivers, Alinco creates a new kind of "pocket size" HT that's small in size but BIG in added memories and modes. BIG radio audio quality, too!

Check out the features of this "new generation" DJ-C7T

- Redesigned internal speaker delivers AMAZING audio quality
- SMA antenna port
- 200 Memories
- VFO, Memory and Scan modes
- 39 CTCSS tone squelch (encode+decode) settings
- Tone burst function (1,000, 1450, 1750 and 2100Hz)
- Split function
- Cloning feature
- Lithium-ion battery
- TX range 144 ~ 147.995, 420 ~ 449.995
- Wide-band receive 88.1 ~ 107.995, 108 ~ 173.995, 380 ~ 511.995 includes FM broadcast and AM aircraft bands
- Auto repeater setting

ALINCO
FM
145.000
BS
MW
TONE
SHIFT
V/M
SCAN
BAND
LOCK
PWR
FUNC
MIC
MONI
VHF/UHF FM TRANSCEIVER DJ-C7

Actual Size

The DJ-C7T is so small, it can fit in a pocket, yet it's a versatile dual-band HT with an enhanced receiver. So, you can enjoy twice the operating fun in half the size. Thanks to Alinco, now you can take a transceiver almost anywhere.

Xciting Xccessories for the DJ-C7T

Included with your HT, you'll find:

- Lithium ion battery pack EBP-58N (3.7V 600mAh)
- AC battery charger (6.0V 0.5A)
- Helical Antenna
- Antenna Cap

Add to the fun with these Xcessories:

EMS-60 Speaker microphone
EME-24 Earphone microphone
EME-18 Earphone
EDH-32 Cigarette lighter cable
ESC-38 Soft case

www.ALINCO.com

Distributed in North America by Ham Distribution, Inc., 15 South Trade Center Pkwy, #B5, Conroe, Texas, 77385. Phone: 936-271-3366. Fax: 936-271-3398. email: USRep@Alinco.com.

Products intended for properly licensed operators. Permits required for MARS use. CAP use subject to equipment approval.
Specifications subject to change witout notice or obligation. Performance specifications only apply to amateur bands.

Digital on the Go!

NEW
UHF Version IC-U82
VHF Version IC-V82
MONO BANDERS!

POWER Superior transmit power, selectable in three steps!

IC-V82 • 7W/4W/0.5W
IC-U82 • 5W/2W/0.5W

MEMORY Store up to 200 regular memory channels with 6-character name, tone, & duplex settings.

ACCESS Get on the repeater fast! CTCSS/DTCS codes help gain you quick repeater access. With pocket beep & tone scan.

MORE

NOAA weather alert (IC-V82, US version only)
Auto repeater function
PC cloning capable
16 DTMF dial memory
Desktop charger standard

DIGITAL Traditional 2M or 70CM operation combined with optional UT-118 D-STAR format digital unit for voice and data communication! Includes the following features:

CALLSIGN CALLING. In digital mode, your callsign and receiving callsign (or CQ message) are included in each transmission. Callsign squelch lets you choose incoming calls by callsign. Received callsigns are stored in the memory automatically!

POSITION EXCHANGE. When connected to an external GPS receiver, position information can be exchanged.

MORE DIGITAL. 20 character text message - up to 6 messages can be pre programmed, Digital code squelch, Emergency communication, and more!

D-STAR READY! with optional equipment

ICOM
IC-V82
199 ICV82
MR
DV
PWR
MONI
D CLR
C MR
B CALL
# BANK
A FUNC
3 T.SCAN
0 OPT
2 P.BEEP
6 SKIP
1 TONE
5 SCAN
✱ ENT
9 H/M/L
4 DUP
8 SET
7 PRIO
VHF TRANSCEIVER

ICOM

AMATEUR | AVIONICS | LAND MOBILE | MARINE | RECEIVER | SYSTEMS | WWW.ICOMAMERICA.COM

This device has not been approved by the FCC. It may not be sold or leased, or offered for sale or lease, until approval of the FCC has been obtained. ©2005 Icom America Inc. The Icom logo is a registered trademark of Icom Inc. All specifications are subject to change without notice or obligation. 7055